EPA Registration Jacket 82542-20

Print Form





Environmental Protection Agency

485-1

Office of Pastioids Programs (7505C) Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product	Oistributer Company Number	-
82542-20	72159	3 3 3
Note: Do not submit	t distributor product labels	3 3 3 3
Name of Registered Product (basic product name accepted by EPA) Propiconazole 41.8% EC Fungicide	Oixtriburor Product Nama Agrisel Propiconazole Pro 4 1.8% Systemic Fungicide	3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Nems and Address of Oistributor (Type; include ZIP code) Agaisst USA, Inc. P. O. Box 3528 Suwanee, GA 30024	\$ 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 3 5 5 5 3 % 3 3 7 7 7 2 1 3 5 3 5
Read All Conditions	Refere Signier	133333
HORD AN CONDITIONS	matera cittimia	5549 5 8888
 specific claims may be delated if by doing so, no other The product must remain in the manufacturer's unbrok The label must bear the EPA registration number of the company number. Distributor product labels must bear the name and additor", "distributed by"; or "sold by" to show that All conditions of the basic registration apply equally to registrant to see that all distributor labeling is kept in co 	en container. basic product, followed by a hyphen and the cress of the distributor qualified by such terms a the name is not that of the manufacturer. distributor products. It is the responsibility of	s *packed the basic
Distrib	utor	
We intend to marker our product under the Distributor Product Name specifications and Title of Distributor Allien Canal Residen	Data	fice.
and Carro Justices	$\frac{3\beta}{\beta}$	
Regist	trant	
Tegree that the distributor named above may distribute and sall the Distri Notice.	ibular Product specified ebave, subject to the conditions sp	ochied on this
Signature and Title of Registrant Low E. How Resistant 1010	MANAGER 2/23/10	<u>e</u>

EPA Form 8570-5 (Rav. 8-94) Previous editions oro obsolete.

White - EPA



June 6, 2009

Document Processing Desk
Office of Pesticide Programs (P7504C)
Environmental Protection Agency
Room S-4900, One Potomac Yard (South Building)
2777 S. Crystal Drive
Arlington, VA 22202

Attn: Shaja Brothers Joyner (PM 20), Fungicide Branch, Registration Division (7505P)

Dear Ms. Joyner:

Subject: Propiconazole 41.8% EC Fungicide: EPA Reg. No. 85242-20: Final Printed Label

Thank you for your Notice of Pesticide Registration dated April 23, 2009. Please find enclosed a final printed label and Form 8570-1.

Sincerely,

Perfect Boolism

Rufus Bastian, President Source Dynamics LLC

rbastian@solerasd.com

10039 E. Troon North Drive Scottsdale, AZ 85262

Fax 480.502.9268

Please read instructions o	n reverse before co. Je	ting form.			Form Appr	0V6	MB No. 2	070-0060	Print	Form
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4. Company/Product (Nam Propiconazole 41.8%	ne) EC Fungicide		PM	1# 20					None	Restricted
5. Name and Address of	Applicant <i>(Include ZIP C</i>	ode)							FIFRA Sect	
5ource Dynamics LLC 10039 E. Troon North		85262	to	:					mposition a	nd labeling
Check if to	his is e new address		P	roduct	Name _	·~				
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Amendment - Expl Resubmission in re Notification - Expla Explanation: Use addit Submission of final pri	sponse to Agency letter in below. ional poge(s) if necesse		on I end Scctio		igency lett Me Too" A Other - Expi	er dat pplica	ition.	* 10 4/2	3/09	
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6. Mannar in Which Label	is Affixed to Product	Lithor Peper Stone	greph glued illed		X Other	hia	auc aleeve			
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1. Contact Point (Comple	te items directly below :	for identificati	on of individue	to be c	ontacted,	if nec	essary, to pi	rocess this	application.)	1
Name Rufus 8astian			Title President					Telephon 480-502	no. (Include 2-9289	a Area Code)
	taments I have mada on any knowingly false or a le law.		i all attachmen						6,'Date App 'Received	mped)
2. Signature Rufus	s Bashain		3. Title President) 	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
A Tamed Name			5 Date						; ; ; ;	5 3 6 1 3

June 6, 2009

Rufus Bastian

PROPICONAZOLE 41.8% EC FUNGICIDE NOT REVIEWED

A broad spectrum fungicide for control of labeled plant diseases

ACTIVE INGREDIENT

Propiconazole:

In Accordance with PR Notice \$2-2 based on Draft Labeling Dated

4-23-09

100 0 4 diablers—heard 4 meand 4 0

t-[[2-2,4-dichlorophenyl-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole.....

.....41.8%

OTHER INGREDIENTS.

..58.2%

Contains 3.6 lb of propiconazole active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

In Accordance with PR Wotice 82-2 Based on Draft Labeling Dated

Si usted no entiende ta efiqueta, busque a atguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail)

FIRST AID

IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
	Call a poison control center or doctor for treatment advice.
F ON SKIN OR	Take off contaminated clothing.
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	Immediately call a poison control center or doctor for treatment advice.
	Have person sip a glass of water if able to swallow.
	Do not induce vomiting unless told to do so by a poison control center or doctor.
	Do not give anything by mouth to an unconscious person.
IF INHALED:	Move person to fresh air.
	If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by
	mouth-to mouth if possible.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also 3 > 3 > 3 contact 1-800-424-9300 for emergency medical treatment information.



Manufactured for:
Source Dynamics, LLC
10039 E. Troon North Drive
Scottsdale, AZ 85262

EPA Registration No. 82542-20

EPA Est. No.

Net Contents

1 gallon

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantiat but temporary eye injury. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or Viton
- Shoes plus socks
- · Protective eyewear (goggles, face shield or safety glasses)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other taundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controt Statements

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40CFR 160.240(d)(4-6)].

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and shrimp. Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Combusfible. On not use, pour, spill, or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance, the also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Long-sleeved shirt and long pants
- · Chemical-resistant gloves such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear (goggles, face shield or safety glasses)

GENERAL INFORMATION

Source Dynamics Propiconazole 41.8% EC Fungicide contains the active ingredient, propiconazole, which provides control of a broad range of plant diseases in the listed crops, turf and ornamentals.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, PODR DISEASE CONTROL, DRILLEGAL RESIDUES.

GENERAL USE PRECAUTIONS

Rotation Crop Restrictions

To prevent possible illegal residues in crops grown in fields previously treated with Source Dynamics Propiconazole 41.8% EC Fungicide, follow the plant back restrictions in the following table.

Number of Days to wait t	Refore Replanting After the Last Sou 4 f.8% EC Fungicide Application	
ANYTIME	75 Days	105 Days
Crops listed on this label	Alfalfa (The total amount of propiconazole must not exceed 0.22 lb Al/Acre in The previous year)	Other crops grown for food, grazing or animal feeds.

INTEGRATED PEST MANAGEMENT

It is strongly advised that Source Dynamics Propleonazole 41.8% EC Fungicide be used in a sound integrated pest management (IPM) program. Follow all cultural practices that aid in reducing disease development. Additional IPM strategies specific to your area is available from your state cooperative extension service, professional consultants or other qualified authorities. Source Dynamics Propiconazole 41.8% EC Fungicide may be used in State Agricultural Extension advisory programs. These disease forecasting programs recommend timings for fungicide applications which are dependent on environmental factors which favor disease development.

RESISTANCE MANAGEMENT

There are inherent risks of diseases developing tolerance to any fungicide product; therefore it is strongly advised that Source Dynamics Propiconazole 4f.8% EC Fungicide be used in a sound resistance management program. Source Dynamics Propiconazole 4f.8% EC Fungicide belongs to the Group 3 class of fungicides which means that propiconazole acts as a demethylation inhibitor of sterol biosynthesis in the membranes of fungi. Resistance can develop whenever products with the same mode of action are used over and over in the same fields or crops. Follow the directions on this label for rotation of Source Dynamics Propiconazole 41.8% EC Fungicide with fungicides which are not in the Group 3 class and limitations on the number of applications per season of Source Dynamics Propiconazole 41.8% EC Fungicide. Additional resistance management strategies may be obtained from your local or State agricultural authorities. Avoid alternating the use of or tank-mixing Source Dynamics Propiconazole 41.8% EC Fungicide with other fungicides with known resistance to fungal diseases listed on this labet.

SPRAY DRIFT MANAGEMENT

A variety of tactors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph.

Droplet Size

Apply as a medium or coarser spray (ASAE Standard 572).

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of propiconazole. Where states have more stringent regulations, they must be observed.

Equipment

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- 1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area ty adjusting the path of the aircraft upwind.

Additional requirements for groundboom applications:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

SPRAY EQUIPMENT

For optimum disease control, use sufficient volumes of water to ensure a thorough, uniform coverage of foliage.

Avoid spray drift. Do not apply under conditions that might allow sprays to drift from the target area. Do not overlap sprays or crop injury may occur. Because air blast sprayers force spray droptets into the crop canopy using a forced air stream, the fan must be adjusted to deliver only enough air volume to penetrate the canopy and provide good coverage. Direct sprays to the target areas by adjusting deflectors.

Use only the same size nozzles that are spaced uniformly across the boom in order to provide accurate and uniform application. Calibrate all sprayer equipment prior to use. Ensure spray pressure at nozzles is 35-40 psi. Keep spray solution constantly agitated (re-circulate 10% of tank volume per minute using a jet agitator or liquid sparge tube. Do not air sparge).

To prevent clogging of nozzles, use a 16-mesh or coarser screens (suction side of pump), a 50-mesh or coarser screen (between the pump and boom), and when required, a screen at the nozzles. Consult the nozzle manufacturer's recommendations.

Refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc. For specific local directions and spray schedules, consult state cooperative extension service, professional consultants or other qualified authorities.

PREPARATION OF SPRAY SOLUTIONS

To prepare a spray tank solution of Source Dynamics Propiconazole 41.8% EC Fungicide, follow the steps below. Do not prepare more solution than is required for a day's work. Use only equipment that has been properly cleaned before use. Refer to the sections below on Tank Mixes.

- Using clean fresh water, fill the spray tank ½ ¾ full.
- Begin agitation and then add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide. If tank mix partners are to be included, be sure that all partner products are compatible as a tank mix with Source Dynamics Propiconazole 41.8% EC Fungicide (refer to the Compatibility Test, below). Once compatibility has been determined, use the following order of addition: wettable powders and water dispersible granular formulations, liquid flowables, Source Dynamics Propiconazole 41.8% EC Fungicide, and then emulsifiable concentrates.
- 3. Allow the solution to agitate for 5 minutes to completely mix the water and formulation.
- 4. Continue agitation and fill the spray tank with the remaining water.
- 5. Agitate the solution continuously until the application operation is complete.
- At the end of the day, rinse the spray tank with ctean water. The pesticide rinsate may be disposed of by applying to an area which has been treated with Source Dynamics Propiconazole 4 t.8% EC Fungicide.

Tank Mixes

Source Dynamics Propiconazole 41.8% EC Fungicide may also be applied with other fungicides, insecticides or herbicides. Before mixing or applying any of these tank mixtures, carry out a Compatibility Test (see below). It the tank mix partner is considered to be compatible with Source Dynamics Propiconazole 41.8% EC Fungicide, prepare tank mixtures as recommended above and follow the proper order of addition to the spray tank.

When apptying Source Dynamics Propiconazole 41.8% EC Fungicida as a tank mixture, observe all tank mix partner label directions for use, crops and use sites, application rates, dilution ratios, precautions, and limitations. Use the labeling that has the most restrictive label precautions and limitations. Do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with any product that restricts tank mixing.

To avoid crop injury, do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with Syllite.

Compatibility Test

Before adding Source Dynamics Propiconazole 4 f.8% EC Fungicide or other products to a spray tank, carry out a compatibility test. Use a quart Jar with a lid and add proportionate amounts of each ingredient with 1 quart of water to the jar. Use the following order for addition: wettable powders and water dispersible granular formulations, tiquid flowables, and then emulsifiable concentrates. Cap the jar and shake for 5

minutes. Let the mixture sit for 5 minutes. It the mixture forms a precipitate that cannot be re-dispersed or mixes poorly, then the mixture should not be used. If the mixture stays mixed or remixes readily after standing, the mixture is physically compatible.

Source Dynamics Propiconazole 41.8% EC Fungicide Label Rates in Ft. Oz./Acre and Equivalents in the a.i./Acre and Number of Acres Treated by 1 Gal.:

	of Acres Treated by f Gal.:
FI. Oz. of Source Dynamics Propiconazole 41.8% EC FungleidefAcre (tb a.i./Acre)	Number of Acres that can be treated with 1 gallon Source Dynamics Propiconazole 41.8% EC Fungloide
2 (0.056)	64
4 (0.1125)	32
6 (0.169)	21.3
8 (0.225)	16
10 (0.28)	12.8
12 (0.34)	t0.7
16 (0.45)	8
20 (0.56)	6.4
24 (0.67)	5.3
30 (0.84)	4.3
32 (0.90)	4

APPLICATION INSTRUCTIONS

Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event

Do not apply when conditions prevent a uniform coverage of crop canopy or if spray drift may occur.

Ground Application: Apply Source Dynamics Propiconazole 41.8% EC Fungicide to tree crops in a minimum of 50 gals. of water per acre and to other crops in a minimum of 10 gals. of water per acre, unless specified otherwise in this label.

Aeriat Applications: Apply Source Dynamics Propiconazole 41.8% EC Fungicide to tree crops in a minimum of 10 gals, of water per acre and to other crops in a minimum of 2 gals, of water per acre, unless specified otherwise in this label.

Application Through trrigation Systems (Chemigation) – Use chemigation to apply Source Dynamics Propiconazole 4f.8% EC Fungicide to only the crops for which chemigation is specified on this label. Apply in no more than 0.1 – 0.25 inches of water or reduced efficacy may result.

Source Dynamics Propioonazole 41.8% EC Fungicide, alone or in combination with other pesticides which are registered for application through irrigation systems may be applied through Irrigation systems. Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, tack of effectiveness, or itlegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact Stafe Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Notes: Do not inject Source Dynamics Propiconazole 4f.8% EC Fungicide at full strength or deterioration of valves and seals may occur. Use a ditution ratio of at least 10 parts water to 1 part Source Dynamics Propiconazole 41.8% EC Fungicide. Source Dynamics Propiconazole 41.8% EC Fungicide is corrosive to many seal maferials. Leather seals are best. EPDM or silicon rubber seals can be used, but should be replaced once a year. Do not use Viton, Buna-N, Neoprene, or PVC seals.

Operating Instructions

- The system must contain a functional check-valve, vacuum relief valve, and low pressure
 drain appropriately located on the irrigation pipeline to prevent water-source contamination
 from backflow.
- The pesticide injection pipeline must also contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional Interlocking controls to automatically shut off the
 pesticide injection pump when the water pump motor stops.
- The imigation line or water pump must include a functional pressure switch which will stop the water pump mofor when the water pressure decreases to the point where pesticide distribution is adversely affected.

- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended.

Center Pivot Irrigation Equipment

Notes: (1) Use only drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Source Dynamics Propiconazole 41.8% EC Fungicide through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to appty %-½ inch of water over the area to be treated when the
 system and injection equipment are operated at normal pressures as recommended by the
 equipment manufacturer. When applying Source Dynamics Propiconazole 41.8% EC
 Fungicide through irrigation equipment, use the lowest obtainable water volume while
 maintaining unitorm distribution. Run the system at 80-95% of the manufacturer's rated
 capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Source Dynamics Propiconazole 41.8% EC Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of Source Dynamics Propioonazole 41.8% EC Fungicide and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Source Dynamics Propiconazole 41.8% EC Fungicide solution. Time the injection to last at least as long as it takes to bring the system to tult pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Source Dynamics Propiconazole 41.8% EC Fungicide solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheet Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Source Dynamics Propiconazole 41,8% EC Fungicide through Imgation equipment, use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Source Dynamics Propiconazote 41.8% EC Fungicide required to treat the area covered by the Imgation system.
- Add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide into the same quantity of water used to calibrate the injection period.

Operate the system at the same pressure and time interval established during the calibration,

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	CROP USE DIRECTIONS	
	BANANAS AND PLANTAINS	
<mark>seases:</mark> ack Sigatoka (My	cosphaerella fijiensis)	
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FL Oz. per Acre	Directions for Application	Restrictions
3	Fime applications of Source Dynamics Propiconazole 41.8% EC Fungicide to start at the beginning of the rainy season but before disease develops. Mix 3 fl. oz. o/ Source Dynamics Propiconazole 41.8% EC Fungicide/A in 10-20 gallons of water/Acre. Make 2 consecutive applications at 21 to 25 day intervals followed by two consecutive applications of a registered fungicide that has a different mode o/ action than Source Dynamics Propiconazole 41.8% EC Fungicide. Up to 8 applications of Source Dynamics Propiconazole 41.8% EC Fungicide. Up to 8 applications of Source Dynamics Propiconazole 41.8% EC Fungicide are permitted, although it is highly recommended to avoid use of triazole fungicides for two consecutive months during the time when disease pressure is at its lowest. How to prepare an Oil-In-Water Emulsion: Add the ingredients to the spray tank in the order listed. 1. Crop oil 2. Emulsifier (0.6 fl. oz./gal. of oil) and Source Dynamics Propiconazole 41.8% EC Fungicide. Agitate	Maximum application rate per season: 24 fl. oz./Acre per season: 24 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide including pre-harvest sprays (equivalent to a total of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide within 100 yards of non-bagged bananas. Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide on bananas or plantains if the fruit are not covered with polyethylene bags. Do not feed whole bananas and plantains to animals.

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft, Oz, per Acre		Directions for Application	Restrictions
3		Water. Agitate the mixture for at least 15 minutes and maintain agitation during spraying operations. repare an Oit Alone Mixture: Add lients to the spray tank in the order	
	1. 2.	Crop oil. Source Dynamics Propiconazole 41.8% EC Fungicide. Agitate the mixture for at least 5 minutes and maintain agitation during spraying operations.	

PINEAPPLE - HI ONLY

<u>Diseases:</u> Butt rot (Ceratocysitis paradoxa)

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide	Directions for Application	Restrictions
0.75 fl. oz/100 gals ot water (1:17,000)	Use either a cold water or a hot water dip treatment. Cold Water Dip: Place crowns in the dip to thoroughly wet the crowns. Remove the crowns and allow excess dip solution to drain. Hot Water Dip: Heat and hold the treatment solution at 125°F (52°C). Allow the crowns to soak for 20-30 minules. Remove the crowns and allow the excess dip solution to drain.	For use in HI only. Do not use treated crowns for food or teed. Do not graze while plant is growing. Do not graze tops until fruit is harvested. Dispose of used dip solution according to local, state, and federal regulations.

BERRY CROPS

Berry Crops Include the fottowing Bushberries and Caneberries and cultivars and/or hybrids of these berry crops: Bingleberry, Blackberry, Blueberry, Boysenberry, Currants, Dewberry, Elderberry, Gooseberry, Huckleberry, Juneberry, Lingonberry, Loganberry, Lowberry, Marionberry, Olallieberry, Raspberry (Red and Black), Salal, Youngberry.

<u>Diseases:</u>
<u>Mummyberry Disease (Monilinia vaccinicorymbosi)</u>
<u>Leaf Spot (Septoria spp.)</u>
Stem Canker (Septoria albopuncatata)

Leaf and Cane Spot (Septoria rubi) Powdery Mildew (Microsphaera vaccinii) Rust (Pucciniastrum vaccinii)

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Rate of Source Dynamics	Directions for Application	Restrictions
Propiconazole 4 t.8% EC Fungicide		
Ft Oz. per Acre		
6	Apply Source Dynamics Propiconazole 41.8% EC Fungicide by air (minimum of 15 gal./Acre), or by ground application (minimum of 5 gal./Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Mummyberry disease: Apply at green tip and reapply at 7 to 10 day intervals. If conditions exist for development of diseases, also apply all pink bud and reapply every 7 fo 10 days through petal fall. Leaf Spot, Stem Canker and Rust: Apply if conditions exist for development of diseases and reapply every 28 days. Leaf and Cane Spot: Time application to occur in the spring as a delayed dormant spray and reapply in late spring, at bud break, and after flowering has started. Powdery Mildew: Apply at 5-10% bloom, at full bloom, and every 14 days if conditions exist for development of diseases. Leaf Spot: Begin applications before bloom and again after petat tall. Another application may be made if needed just after harvest.	Maximum application rate per season: 30 fl. oz/Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.84 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 30 days.
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CRANBERRIES - DR, WA AND WI ONLY

Diseases:

Cottonball (Monitinia oxycocci)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Dz. per Acre	Directions for Application	Restrictions
4-6	Apply by air or by ground (minimum 20 gal/A) at leaf bud break and reapply 14 days later. A third application may be made at early bloom and again 14 days later. For severe disease pressure, use the higher rate. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	For use only in OR, WA and WI. Maximum application rate per season: 24 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 45 days.

NON-BEARING CITRUS

Non-bearing Citrus includes the following crops and cultivars and/or hybrids of these crops: Calamondin, Citrus hybrids (chironia, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour and sweet), Pummelo, Satsuma Mandarin.

<u>Diseases:</u> Greasy Spot (Mycosphaerelia citri)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
6-8	Apply by air or by ground (minimum 15 gat/A) in June and reapply at 30 day intervals through August. Use sufficient volumes of water to ensure a thorough, uniform coverage of follage. For best results, allow Source Dynamics Proptconazole 41.8% EC Fungicide residues to dry on follage before a rainfall event.	Maximum application rate per season: 24 fl. oz/Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply if citrus trees will be ar harvestable fruit within 12 months.

STONE FRUIT

Stone Fruit include the following crops and cultivars and/or hybrids of these crops: Apricots, Sweet and Tart Chemies, Nectarines, Peaches, Plums, Plumcol, Prunes.

<u>Diseases:</u>
Brown Rot Blossom Blight (Monitina spp.)
Cherry Leaf Spof (Blumeriella jaapii)
Fruit Brown Rot (Monitinia spp.)
Powdery Mildew (Podosphaera spp.)
Rust (Tranzschelia discotor)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
4	Apply by ground or by air (minimum of 15 gat./Acre), although ground application tends to give more effective control of listed diseases. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfalt event. Brown Rot Blossom Blight: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at early bloom stage. Make one repeat application under low disease pressure through petal fall. Make two additional applications under high disease pressure (or if variety is particularly sensitive fo disease) first at 75-100% bloom and then at petal fall. Fruit Brown Rot: Apply up to two applications from pre-harvest up to the day of harvest. If disease persists (high inoculum and severe disease pressure), select a different registered fungicide to apply after the second Source Dynamics Propiconazole 41.8% EC Fungicide application.	Maximum application rate per season: 20 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.56 lb. ai./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 0 days.

Rate of		
Source	Directions for Application	Restrictions
Dynamics		
Propiconazole		
41.8% EC		
Fungicide		
Ft. Oz. per		
Acre		
4	Powdery Mildew, Cherry Leaf Spot, Rust: Apply Source Dynamics Propiconazole 41.8% EC Fungicide using the directions for Brown Rot Blossom Blight. An additional two applications may be made at 10 to 14 day intervals starting from the end of petal fall through harvest.	
	Note: When Source Dynamics Propiconazole 41.8% EC Fungicide has been applied to Stanley plums during bloom, the harvested fruit has been observed to be less oval in shape and smaller in size than untreated fruit. These effects may be prevented by applying Source Dynamics Propiconazole 41.8% EC Fungicide to Stanley plums 21 days or more before harvest.	

STRAWBERRIES

<u>Diseases:</u>
Anthracnose (Colletofrichum acutatum)
Leaf Spot (Cercospora fragariae)
Leaf Rust (Phragmidium potentillae)
Powdery Mildew (Sphaerofheca macularis)

Rate of Source Dynamics Propiconazole 41.8% EC Fungtolde FI. Oz. per Acre	Directions for Application	Restrictions
4	Appty by air (minimum of 15 gal./Acre) or ground (minimum of 20 gal./Acre) application when disease levels are 5% or less. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, aflow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a raintall event.	Maximum application rate per season: 16 fi. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Intervat (PHI): 0 days.

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Rate of Source Dynamics Propiconazole 41.8% EC Fungleide Ft. Oz. per Acre	Directions for Application	Restrictions
4	Apply no more than four additional applications at 4 fl. oz/A ot Source Dynamics Propiconazote 4 t.8% EC Fungicide at 7 day intervals. After two consecutive Source Dynamics Propiconazote 41.8% EC Fungicide applications, rotate to a fungicide having a different mode ot action than Source Dynamics Propiconazote 41.8% EC Fungicide.	

TREE NUTS

Tree Nuts include the following crops: Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Hickory, Macadamia, Walnut. See the following tables for specific directions for Almonds, Filberts, Pecans, and Pistachios.

Diseases:

Foliar Diseases

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply Source Dynamics Propiconazote 41.8% EC Fungicide by air or ground application (minimum 15 gal/Acre), aithough best results are obtained from ground applications. Begin applications when disease first develops and reapply at 7 to 14 day Intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on toilage before a rainfall event.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Preharves1 Intervat (PHI): 60 days except for pecans (refer to use directions table for pecans, below). Do not graze livestock in treated areas or cut treated cover crop for feed.

	ALMONDS	
iseases: rown Rot Blossom Blight nthracnose (Collectotrich	(Monilinia laxa, M. fructicola) um acutatum)	·
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply Source Dynamics Propiconazole 41.8% EC Fungicide by air or ground application (minimum of 15 gal/Acre) at 5-10% bloom and again at 50-100% bloom. Use the highest rate when disease conditions are severe. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a raintall event. Anthracnose: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at the 8 fl. oz./Acre rate at bud break and reapply at 7 to 14 day intervals.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHt): 60 days. Do not graze livestock in treated areas or cut treated cover crop torfeed.
	FILBERTS (HAZELNUTS)	
seases: astem Filbert Blight ((Anisogramma anomala)	
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
5-8	Apply by air or by ground (minimum 15 gal/A) when green leaf tissue is visible and reapply at 14 to 21 day intervals. For severe disease pressure, use the higher rate and apply at the shorter spray interval. Use sufficient volumes of water to ensure a thorough, uniform	Maximum application rate per season: 32 fl. oz.tAcre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season ot any product that contains propiconazole).

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
	coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. NOTE: Some varieties of filberts may develop smaller and/or greener leaves from application of Source Dynamics Propiconazole 41.8% EC Fungicide, however, yields from these filbert trees are not reduced as a result of the Source Dynamics Propiconazole 41.8% EC Fungicide applications.	Preharvest Intervat (PHI): 60 days. Do not graze livestock in treated areas or cut treated cover crop for feed.

PECANS

<u>Diseases:</u>
Downy Spot (Mycosphaerella caryigena)
Liver Spot (Gnomonia caryae pv pecanae)
Pecan Scab (Cladosporium caryigenum)

Powdery Mildew (Micorsphaera penicillata) Vein Spot (Gnomomia nerviseda) Zonate Leaf Spot (Cristulariella moricofa)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Applicatioπ	Restrictions
4-8	Apply by ground or by air (minimum of 20 gal./Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Pecan scab: Begin applications (4 to 8 fl. oz./Acre) during bud break and pre-pollination sprays. Reapply at 14 day intervals. During nut formation and cover sprays, apply 6-8 fl. oz./Acre) and use the higher rate when disease pressure is severe.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply after shuck split. Do not graze livestock in treated areas or cut treated cover crop for feed.

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi. Oz. per Acre	Directions for Application	Restrictions
	Other listed follar diseases: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at 4 fl. oz./Acre as a tank mix with other products registered for use on pecans and labeled for these mid- io late-season foliar diseases.	The active ingredient(s) in this product may have effects on federally listed threatened or endangered species or critical habitat in some counties. When using this product, you must follow the measures contained in the County Butletin for the county which you are applying the pesticide. To determine whether your County has a Butletin consult http://www.epa.gov/esppfusa-map.htm. Butletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

PISTACHIOS

<u>Diseases:</u> Bofrysphaeria Pariicle, Shoot Blight (Botryosphaeria dolhidea)

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide Fi. Oz. per Acre	Directions for Application	Restrictions
5-8	Apply by ground or by air (minimum of 15 gat.fAcre) when green leaf tissue is visible and reapply at 14 to 2t day intervals. For severe disease pressure, use the highest rate and reapply at the shorter spray interval. Use sufficient votumes of water to ensure a thorough, uniform coverage of /oliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on toliage before a rainfall eveni.	
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Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
	NOTE: Some Irees may develop smaller and/or greener leaves from application of Source Dynamics Propiconazole 41.8% EC Fungicide, however, yields from these pistachio trees are not reduced as a result of the Source Dynamics Propiconazole 41.8% EC Fungicide applications.	

CARROTS

Diseases:
Leaf Blights (Cercospora carolae) (suppression of Alternaria dauci)
Powdery Mildew (Erysiphe potygoni)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restriction s
4	Apply by air (minimum 5 gal/Acre) or by ground (minimum 15 gal/A) it conditions exist for development of diseases and reapply every 7 (in severe disease situations) to t0 days. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days.
2, plus 0.75 lb A1 chlorothalonil († pt. Bravo WeatherStik)	Propiconazole 41.8% EC Fungicide residues to dry on lollage before a rainfall event. A spreaderl slicker may be used if needed.	

CELERY AND LEAF PETIOLES

Leaf Petioles include the following crops: Cardoon, Celery, Chinese Celery, Celluce, Florence Fennel, Rhubarb, and Swiss Chard.

Diseases:

Early Blight (Cercospora apii) Lale Blight (Septoria apicola)

Rate of Source Dynamics Propiconazole 4t.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	Apply by air (minimum 5 gal/Acre) or by ground (minimum 10 gal/A) if conditions exist for development of diseases and reapply every 7 days. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. A spreader/ sticker may be used if needed.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days.

CEREAL CROPS

Cereal crops includes the following crops: Barley, Oats, Rye, Triticale, Wheat.

Diseases:

Barley Scald (Rhynchosporium secalis) Barley Stripe (Pyrenophora graminea) Foot Rof (Pseudocercosporelta spp.) Fusarium Head Blight Suppression Glume Bloich (Stagonospora nordorum) Leaf Blight (Septoria Iritici) Net Blotch (Pyrenophora teres)

Powdery Mildew (Blumeria spp., Erysiphe spp.) Rust (Puccinia spp)

Spot Blotch (Bipolaris sorokiniana) Helminthosporium Leaf Blight (Drechslera irritici-repentis) Tan Spot (Pyrenophora tritici-repentis)

Rate of Source	Discotions for Austin time	D - 4-1-41
Dynamics Propiconazote 41.8% EC Fungicide Ff. Oz. per Acre	Directions for Application	Restrictions
2-4	Earty Season Suppression of Powdery Mildew, Leaf Blight, Glume Blofch, and Tan Spot: Apply by air, ground or chemigation. For season-long control, make application in the spring and make one repeat application up to Feeks growth stage 10.5. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 4 fl oz./Acre per season wher forage or hay is harvested 8 fl. oz./Acre per seasor Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.22 ib. a.i./Acre per season of any produc that contains propiconazole).
4	Control of Leaf Diseases - Rust, Powdery Mildew, Leaf Blight, Glume Blotch, Tan Spot, Helminthosporium Leaf Blight, Spot Blotch, Barley Scald, Barley Stripe, Net Blotch: Apply by air, ground or chemigation. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage, especially the flag leaf. Optimum yields are obtained when Source Dynamics Propiconazole 4f.8% EC Fungicide is applied when the flag leaf is between 50% and f00% emerged. For best results, allow Source Dynamics Propiconazole 4f.8% EC Fungicide residues to dry on foliage before a rainfall event. Improved spray coverage and canopy penetration is achieved using an oil-based adjuvant. Foot Rot: Apply Source Dynamics Propiconazole 4f.8% EC Fungicide as a tankmix with half the rates of other EPA registered fungicides (such as Topsin® M) to crops at tillering but prior to elongation. Suppression of Fusarium Head Blight:	Minimum Days Betweer Treatments: 14 days. Preharvest Interval (PHI): 30 days forage, 40 days grain and straw, 45 days hay.
	Apply Source Dynamics Propiconazole 41.8% EC Fungicide close to 50% flowering. Increased suppression may result by adding a penetrating-type adjuvant.	

CORN - FIELD, SEED, POPCORN, AND SWEET

Diseases:
Eye Spot (Aureobasidium zeae)
Gray Leaf Spot (Cercospora zeae-maydis)
Northern Com Leaf Blight (Setosphaeria turcica †
Northern Com Leaf Spot (Cochiliobolus carbonum) †
Southern Com Leaf Blight (Cochiliobolus heterostrophus) †
Rusts (Puccinia spp.)

† Also known as Helminthosporium Leaf Blights (H. maydis, H. turcicum, H. carbonum)

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide	Directions for Application	Restrictions
Fi. Oz. per Acre 2-4	Helminthosporium Leaf Blights: Apply by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 4 t.8% EC Funglcide is applied early in the season (when disease is first detected). Reapply every 7 to 14 days if conditions remain favorable for disease development. Use the higher rate and shorter spray interval if disease pressure is high. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Popcorn - Maximum application rate per season: 8 fl. oz./Acre per season on field com harvested for forage; f6 fl. oz.fAcre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i.fAcre per season of any product that contains propiconazole). Preharvest Intervat (PHI) - Field Corn, Corn for Seed,
4	Rusts, Gray Leaf Spot, Eye Spot: Apply by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 41.8% EC Fungicide is applied early in the season (when disease is first detected). Reapply every 7 to 14 days if conditions remain favorable for disease development. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	

GRASSES GROWN FOR SEED - ID, MN, NE, OR AND WA ONLY

<u>Diseases:</u>
Ergot Stem Diseases
Powdery Mildew (Erysiphe graminis)
Rusis (Puccinia spp)
Selenophoma Stem Eyespoi (Selenophoma spp.)

Rate of Source Dynamics Propiconazole 41.8% EC Fungleide Ft. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply by air (minimum 10 gal/A), by ground or by chemigation when disease is first detected and reapply at 14 to 21 day intervals. For optimum control of rust, use the highest rate and apply at the shorter spray interval until the seed is mature. Apply a final application no more than 20 days before seed matures. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on toliage before a rainfall event. Apply to bluegrass early in the growing season.	For use only in ID, MN, NE, OR and WA. Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propioonazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Do not feed hay cut within 20 days of the last application. Do not graze treated areas within 140 days of the last application.

PEPPERMINT AND SPEARMINT

<u>Diseases:</u> Rust (Puccinia menihae)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi. Oz. per Acre	Directions for Application	Restrictions
4	Apply by ground (minimum 20 gal/Acre) when plants are 2 to 4 inches tall or if conditions remain favorable for disease development and reapply 14 days later. Use sufficient volumes of water to ensure a thorough, unitom coverage of tollage.	Maximum application rate per season: 8 fl. oz./Acre per season Source Oynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.22 lb. a.i./Acre per

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Dz. per Acre	Directions for Application	Restrictions
4	For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	season of any product the contains propiconazole). Preharvest Interval (PHI 30 days.

ONIONS

Onions include the following crops and cultivars and/or hybrids of these crops: Dry Bulb Onions, Dry Bulb Shallots, Garlic, Green Eschalots, Green Onions, Green Shallots, Japanese Bunching Onions, Leeks, Scallions, Spring Onions.

<u>Diseases:</u>
Purple Blotch (Altemaria porri)
Suppression of Botrytis Leaf Blight (Botrytis squamosa)

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply by ground (minimum 15 gal./Acre) or by air (minimum ot 5 gal./Acre) when conditions remain favorable for disease development and reapply at 7 to 10 day intervals. For severe disease pressure, use the highest rate and reapply at the shorter spray interval. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on toliage before a rainfall event.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days dry bulb onions, 0 day for green onion types.
2-4, plus tank mix partner	Apply Source Dynamics Propiconazole 41.8% EC Fungicide as a tank mix with another registered fungicide that controls the listed diseases. Apply by ground (minimum 15 gal.fAcre) or by air (minimum of 5 gal.fAcre) when conditions remain favorable for disease development and reapply at 7 day Intervals or as directed on the label of the	

Rate of Source Dynamics Propiconazole 41.8% EC Fungleide Ft. Oz. per Acre	Directions for Application	Restrictions
	tank mix partner. For severe disease pressure, use the highest rate. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Best results are obtained if a wetting agent or spreader/sticker is added to the spray mixture.	

PEANUTS

<u>Diseases:</u>
Early Leaf Spot (Cercospora arachidicola)
Late Leaf Spot (Cercosporidium personatum)
Rust (Puccinia arachidis)
Southern Stem Rof (Sclerotium rolfsii)
Web Blotch (Phoma arachidocola)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FL Oz. per Acre	Directions for Application	Restrictions
2.5-4	Early Leaf Spot tale Leaf Spot, Rvst, Web Blotch Apply by ground, air or chemigation 35-40 days after crop is planted or when disease is detected, and reapply at t0 to 14 day intervals. For severe early leaf spot pressure, use the highest rate. Source Dynamics Propiconazole 4t.8% EC Funglcide also may be used when State Agricultural Extensions provide advisories that recommend applications be made based on environmental factors that lead fo disease development.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Infervat (PHI): 14 days (4 fl. oz./Acre) or 2 t days (8 fl. oz./Acre).

	Southern Stem Rot: Use one of the application schedules below: 4 fl. oz.fAcre of Source Dynamics Propiconazote 41.8% EC Fungicide: apply to the crown and pegging zones of the plant by chemigation or directed ground application about 45 days after planting, or at the first signs of disease. Reapply at 14 day intervals. 8 fl. oz.fAcre of Source Dynamics Propiconazole 41.8% EC Fungicide: apply to the crown and pegging	Do not feed livestock hat harvested from fields treated at the 8 fl. oz./Acre rate.
	zones of the plant by chemigation or directed ground application about 60 days after planting (at pegging) or at the first sign of disease. Make one repeat application 3-4 weeks after the first application. Irrigation: To apply Source Dynamics Propiconazole 41.8% EC Fungicide in irrigation water, use a minimum of 0.25-0.5 inches of irrigation water, use a minimum of 0.25-0.5 inches of irrigation water/Acre. Sufficient water is required in order for the fungicide to penetrate the canopy of peanut foliage and reach the crown of the plant (Southern Stem Rot is most active at this part of the plant). Additional treatment methods should be used to control leat spot if Source Dynamics Propiconazole 41.8% EC Fungicide is applied by irrigation or as a directed ground application.	
	RICE	

Brown Leaf Spot (Helminthosporium oryzae) Kemei Smut (Tillelía barclayana) Sheath Blight (Rhizoconia solani) Sheath Spot (Rhizoclonia oryzae)

Suppression only: False Smut (Ustilaginoidea virens) Stem Rol (Sclerotium oryzae)

Wild Rice -- MN Only Brown Spot (Bipotaris spp.) Helminthosporium Leaf Blight (Helminthosporium sp.)

Rafe of Source		
Dynamics	Directions for Application	Restrictions
Propiconazole		
41.8% EC		
Fungicid e		
Fl. Oz. per Acre		
6-10	Apply only by aerial application (minimum 5-10 gal. water/Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Oynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. For assistance in determining the appropriate time for application of Source Dynamics Propiconazole 41.8% EC Fungicide, consult local extension experts who can provide information on local economic thresholds established for various rice varieties and diseases. Use one of the application schedules below: Use 6 fl. oz. at first inlemode elongation (up to 2-inch panicle). Make a second application at swollen boot 14 days after the first application but before the boot splits and head emerges. For optimum control of sheath blight, make first application when disease develops, when 5% or fewer of the tillers are infected.	Maximum application rate per season: 12 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. a.j./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 35 days Oo not apply to slubble or rateon crop rice. Do not use in rice fields where commercial farming of crayfish will be practiced. Oo not drain water from treated rice fields info ponds used for commercial fish farming. Do not use water drained from Ireafed fields to irrigate other crops. The active ingredient(s) in this product may have effects on federally listed threatend or endangered species or critical habitat in some counties.

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Rate of Source Dynamics Propiconazote 41.8% EC Fungicide FI, Oz. per Acre	Directions for Application	Restrictions
6-8 Wild Rice (MN only)	Use 10 fl. oz/A at first internode elongation (up to 2-inch panicle). This rate is recommended if greater than 10% of the Illiers are infected with sheath blight. It disease reappears, follow the Source Dynamics Propiconazole 41.6% EC Fungicide application with a different registered tungicide. Tank mixes: 6 fl. oz/Acre of Source Dynamics Propiconazole 41.8% EC Fungicide in a tank mix with other fungicides (such as Quadris) to control rice diseases. Apply only by aerial application. Make two applications no less than 10 days apart at 6 fl. oz/Acre of Source Dynamics Propiconazole 41.8% EC Fungicide at booting and then at heading. Allemalively, make one application at 8 fl. oz/Acre at booting. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	When using this product, you must tollow the measures contained in the County Bulletin for the county which you are applying the pesticide. To determine whether your County has a Bulletin, consult http://www.epa.gov/espp/usa-map.htm . Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.
	SORGHUM	
seases: got (Claviceps sor	ghi)	
	29	

Rate of Source Dynamics Propiconazole 41.8% EC Fungloide Fl. Oz. per Acre	Directions for Application	Restrictions
3.4	Apply by ground (minimum of 15 gal./Acre) or by alr (minimum to gal. water/Acre) just betore flowering. Make up to four additional applications at 5 to 7 day intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	

SOYBEANS

<u>Diseases:</u>
Aeriat Web Blight (Rhizoctonia solani)
Anthracnose (Colletotrichum truncatum)
Brown Spot (Septoria glycines)

Frogeye Leaf Spot (Cercospora sojina) Soybean Rust (Phakopsora pachyrhizi)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
4-6	Apply by ground or by air. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconacole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Best results from aerial applications are obtained by using an oil-based additive that improves fofiar coverage and penetration of crop canopy.	Maximum application rate per season: 12 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. a.i.fAcre per season of any product that contains propiconazole). Do not apply after Stage R6.
	30	

Rate of Source		
Dynamics	Directions for Application	Restrictions
Propiconazote		
41.8% EC		
Fungicide		
Ft. Oz. per Acre		
	Aerial Web Blight: Time applications to	
	occur when disease first develops and apply	
	5-6 fl. oz./Acre. Make one repeat	
	application at 14 to 21 days interval. Use	
	the highest rate and shorter spray interval	
	when disease conditions are severe.	
	Other follar diseases: Time applications	
	to begin at growth stage R3 (early pod set:	
	pods are 1/8-1/4 inch tong) and apply 6 fl.	
	oz./Acre. Make one repeat application at	
	14 to 21 days interval when growth stage is	
	R5 (pod fill).	
	Soybean rust: Time applications to occur	
	when disease has been reported in the area	
	since preventative applications will provide	
	the best results. Use 4-6 fl. oz./Acre.	
	Make repeat applications at 14 to 21 day	
	intervals. Use the highest rate and shorter spray interval when disease is detected in	
	the field or if less than 2 out of every 100 ptants are intected. Control will be less	
	than acceptable when more plants are	
	in/ected or if the disease is in mid-canopy,	
	Use scouting and monitoring techniques to	
	determine disease infestations and its	
	proximity to your fields.	
	NOTE: Some varieties may develop	
	crinkled, smaller and/or greener leaves /rom	
	applications of Source Dynamics	
	Propiconazole 41.8% EC Fungicide.	
	however, dry bean yields are not reduced as	
	a result of the Source Dynamics	
	Propiconazole 41.8% EC Fyngicide	
	applications.	
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	SUGAR BEETS			
Diseases: eaf Spot (Cercospora beticola) Powdery Mildew (Erysiphe polygoni)				
Rate of Source Dynamics Propiconazole 4 t.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions		
4	Apply by air, ground or chemigation when disease first develops and make repeat applications at 10 to 14 day infervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungloide residues to dry on foliage before a raintall event. After two consecutive Source Dynamics Propiconazole 41.8% EC Fungloide applications, or at any time that the disease levels increase, rotate immediately fo another fungicide that has a different mode of action than Source Dynamics Propiconazole 41.8% EC Fungicide.	Maximum application rate per season: 12 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. ai./Acre per season of any product thal contains propiconazole). Pre/harvest Interval (PHI): 21 days.		
	SUGARCANE			
iseases: neappie disease (Cer	atocystic paradoxa)			
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide	Directions for Application	Restrictions		
0.75 fl, oz /100 gals of water (1:17,000)	Use one of these methods to treat cut seed pieces. Cold Water Dip: Place seed pieces in the dip to thoroughly wet the pieces. Remove the seed pieces and allow excess dip solution to drain. Hot Water Dip: Heat and hold the Ireatment solution at 125°F (52°C). Allow the seed pieces to soak for 20-30 minutes. Remove the seed pieces and allow the excess dip solution to drain.	Do not use treated seed pieces for food or feed. Dispose of used dip solution according to local, state, and federal regulations.		

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide	Directions for Application	Restrictions
	Conveyer Belt Treatment: Use an in-line directed spray of Source Dynamics Propiconazole 41.8% EC Fungicide/water solution to treat seed pieces. Ensure cut ends are wet with this solution.	

TURF AND ORNAMENTAL USE DIRECTIONS

GENERAL INFORMATION

Source Dynamics Propiconazole 41.8% EC Fungicide is a systemic fungicide for the control of a broad spectrum of diseases in turigrass, omamentals, tandscape and nursery plantings.

PREPARATION OF SPRAY SOLUTIONS

To prepare a spray tank solution of Source Dynamics Propiconazote 41.8% EC Fungicide, follow the steps below. Do not prepare more solution than is required for a day's work. Use only equipment that has been properly cleaned before use. Refer to the sections below on Tank Mixes.

- Using clean fresh water, fill the spray tank ½ ¾ full.
- Begin agitation and then add the required amount of Source Dynamics Propiconazole 41.8% EC
 Fungicide. If tank mix partners are to be included, be sure the tank mix is compatible using a jar
 test prior to mixing. If compatible, use the following order of addition: wettable powders and wafer
 dispersible granular formulations (formation of a premix in water facilitates the mixing process), liquid
 flowables or suspension, Source Dynamics Propiconazole 41.8% EC Fungicide, and then other
 emulsifiable concentrates.
- 3. Allow the solution to agitate for 5 minutes to completely mix the water and formulation.
- 4. Continue agitation and fill the spray tank with the remaining water.
- 5. Agitate the solution continuously until the application operation is complete.
- At the end of the day, rinse the spray tank with clean water. The pesticide rinsale may be disposed
 of by applying to an area which has been treated with Source Dynamics Propionazole 41.8% EC
 Fungicide.

TANK MIXES

When applied as a tank mix with other registered fungicides, Source Dynamics Propiconazole 41.8% EC Fungicide provides a broader spectrum of disease control. Many other registered herbicides and insecticides are compatible for use as a tank mix with Source Dynamics Propiconazole 41.8% EC Fungicide. Do not apply unless you have verified the compatibility of Source Dynamics Propiconazole 41.8% EC Fungicide and the tank mix partner before mixing. For tank mixes that are incompatible, add Unite® (3 pts./100 gals.) to the tank mix. Follow the directions under Preparation of Spray Solutions for how to prepare tank mixes with Source Dynamics Propiconazole 41.8% EC Fungicide. When applying Source Dynamics Propiconazole 41.8% EC Fungicide as a tank mixture, observe all tank mix partner tabet directions for use, crops and use sites, application rates, dilution ratios, precautions, and limitations. Use the labeling that has the most restrictive label precautions and limitations. Do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with any product that restricts tank mixing.

NOTE: These directions do not apply to tank mixes containing spray additives. If spray additives are added to tank mixes, check that they are compatible before use.

TURFGRASS AND DICHONDRA DISEASE CONTROL

GENERAL RECOMMENDATIONS

Source Dynamics Propiconazole 41.8% EC Fungicide should be used in a preventative disease control program and in conjunction with a turf disease management program. Before applying a fungicide, be sure that the correct disease has been identified so that the correct treatment is followed.

USE DIRECTIONS AND RATES: Source Dynamics Propiconazole 41.8% EC Fungicide must be applied in sufficient amounts of water to ensure a thorough, uniform coverage of the turfgrass. Do not apply until grass has been mowed, or apply and then allow sprays to dry completely before mowing. Refer to the table below for rates and application directions for various diseases. Optimum control is achieved with the higher specified rate and shorter spray interval if conditions for high disease pressure exist.

Foliar diseases: Do not irrigate until turfgrass has completely dried.

Soil-borne diseases: Irrigation or watering-in is allowed after application of Source Dynamics Propiconazole 41.8% EC Fungicide. Bermudagrass: To prevent injury to any of the varieties of bermudagrass, do not apply more than 1.44 fl. oz./1,000 sq. ft. Source Dynamics Propiconazole 41.8% EC Fungicide every 30 days. In FL, do not apply Source Dynamics Propiconazole 41.8% EC Fungicide to bermudagrass golf course greens if temperatures are above 90° F.

RESTRICTIONS:

- Do not apply this product through any type of irrigation system
- Do not graze animals on freated areas. Do not feed dippings from treated areas to livestock or poultry.
- Do not apply more than 5.8 fl. oz/1,000 sq. ft. of Source Dynamics Propiconazole 41.8% EC Fungicide per calendar year.
- Do not apply more than 1.79 lb. a.i. propiconazole per Acre per application.

Turfgrass - Specific Rates, and Application Directions for Different Diseases

Rate Source Dynamics Propiconazote 41.8% EC Fungicide, FL Oz. per 1,000 Sq. Ft. (Ft. Oz. per Acre)	Application Directions
Dollar Spot (Scierotinia	а homoeocarpa):
0.18	Apply at 7 day intervals when conditions favor development of disease.
(8.0)	Apply at 14 day intervals as a tank mix with the low label rate of either Daconil Weather Stik® or Daconil Ultrex® funcicides.

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Application Directions				
Apply at 21-28 day intervals as a tank mix with the low label rate of either Daconit Weather Stike, Daconit Ultrexe or Chipcoe 260 te fungicides.				
Apply at 14 to 28 day intervals. If applied alone without a tank mix partner, do not apply more than 3 consecutive applications at the 0.35-0.75 ft. oz/t,000 sq. ft. rate. Then rotate to another tungicide that has a different mode of action.				
num graminicota)				
Apply at 14 to 28 day intervals when conditions favor development of disease. Use the higher rate and shorter spray intervals for high disease pressure. A tank mix with another registered fungicide provides control of a broader disease spectrum. When disease has been				
detected, use 0.75 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. with either Daconil Weather Stike, Daconil Ultrex or Chipcoe 26019 fungicides.				
a solani)				
Apply before disease is detected as a tank mix with other registered tungicides in May or June at 14 to 21 day intervals. The higher rate and shorter spray interval should be used it weather is hot and humid.				
ne graminis) and				
Apply at 14 to 28 day intervals when conditions favor development of disease. When the disease has been detected, use 0.75 fl. oz. o/ Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft.				
ciformis) and				
s roseipellis)				
Apply at 14 to 21 day intervals when conditions favor development of				
disease.				
formis, Urocystis agropyri)				
Make a single application in the fall after grass becomes dormant or in				
the early spring before grass starts to grow.				
ia grisea)				
Apply at 14 day intervals when conditions tavor development of disease.				
Apply as a tank mix with another registered fungicide when using the 0.35 fl. oz./1,000 sq. ft. rate.				

Rate Source Dynamics					
Propiconazote 41.8%					
EC Fungicide,					
Ft. Oz. per 1,000 Sq. Ft.	Application Directions				
(Fi. Oz. per Acre)	Approximal Enjoydons				
Meiting Out Leaf Snot (#	Bipolaris spp.) (Drechslera spp.)				
0.37-0.73	Apply at 14 day intervals. Leaf spot and melting will not be as severe				
(16-63)	when Source Dynamics Propiconazole 41.8% EC Fungicide is applied to				
(10 0-)	plants that are under light to moderate disease pressure. Apply as a				
	tank mix with another registered fungicide when using the 0.35-0.75 fl.				
	oz./1,000 sq. ft. rate or for general broad spectrum disease control using				
	the 0.35 fl. oz/1,000 sq. ft. rate.				
Summer Patch and	ult				
Poa Patch (Magnaporihe	poae)				
0.73	Apply starting in the spring and reapply at 14 day intervals at the 0.75 fl.				
(32) OR	oz/t,000 sq. ft. rate and at 28 day intervals at the 1.5 ft. oz/1,000 sq. ft.				
1.45	rate.				
(63)					
Take-Ait Patch (Gaeuma	nnomyces graminis)				
0.73-1.45	Source Dynamics Propiconazole 41.8% EC Fungicide reduces the				
(32-63)	seventy of this disease when applied at 0.35-0.75 ft. oz/1,000 sq. ft. in				
	the Spring (April and May) and in the Fall (September and October, or if				
	nighttime temperatures are below 55°C). Other local recommendations				
	may be considered.				
Spring Dead Spot (Le, Gaeumannomyces grami	otosphaeria korrae, Leptosphaeria narmari, Ophiosphaerella herpotricha, nis)				
1.45	Apply beginning in August and make up to 3 applications at 30 day				
(63)	intervals or make a single application in September or October.				
Necrotic Ring Spot (Lep					
1,45	Depending on local recommendations, applications may be made in the				
(63)	Fall or early Spring.				
Snowmold, Gray (<i>Typhul</i> Pink <i>(Microdochlu</i> m nival					
0.73-1.45	Make a single application in the late fail but before snow cover. Do not				
(32-63)	apply if ground is covered with snow. Best results are seen it the 0.75				
(+)	and 1.1 fl. oz. rate of Source Dynamics Propiconazole 41.8% EC				
	Fungicide is applied as a tank mix with either PCNB or chlorothalonii.				
usarium patch (Fusariu					
0.73-1.45	Time applications to occur to Falt or Early Spring when conditions favor				
(32-63)	development of the disease.				

Turfgrass - Specific Rates, and Application Directions for Different Diseases (cont'd)

Rate Source Dynamics Propiconazole 41.8% EC Fungicide, Fl. Dz. per 1,000 Sq. Fl. (Fl. Oz. per Acre)	Application Directions
Yellow Patch (Rhizoctonia	a cerealis)
t.10-1,45 (48-63)	Make a single application in Late Fall but before snow cover. Do not apply if ground is covered with snow. Apply Source Dynamics Propiconazole 41.8% EC Fungicide at the t.1 fl. oz./1,000 sq. ft. rate as a tank mix with another registered contact fungicide.
Zoysia patch, large patch	of zoysia (Rhizoctonia solani)
t.10-1.45 (48-63)	Make a single application in Early Fall (mid-September to mid-October) before disease develops. Other local recommendations may be considered for the optimum timing for application.

Dichondra - Specific Rates, and Application Directions for Different Diseases

Dichondra Rust (Puccinia	dichondrae)
0.73	Apply at 14 to 21 day intervals when conditions favor development of
(32)	disease.

Establishment of Cool Season Turfgrass

In addition to use of Source Dynamics Propiconazole 41.8% EC Fungicide to control turfgrass diseases, Source Dynamics Propiconazole 41.8% EC Fungicide will aid in the establishment of new turfgrass when applied to cool season grass seedlings or sod.

New Seedlings: Source Dynamics Propiconazole 41.8% EC Fungicide applied at a rate of $0.35\,$ fl. oz./1,000 sq. ft. to new turf at the 2 to 3-leaf stage will help root development and lop growth.

Sod: Source Dynamics Propiconazole 41.8% EC Fungicide applied at a rate of 0.35 fl. oz./1,000 sq. ft. to sod 2-6 weeks before cutting will increase sod knitting and aid in faster establishment after laying.

NURSERIES (FIELD) AND LANDSCAPE PLANTINGS

GENERAL RECOMMENDATIONS

Source Dynamics Propiconazole 41.8% EC Fungicide should be used in a preventative disease control program and in conjunction with a disease management program. Before imigating plants by overhead imigation, allow the sprays on foliage to dry.

For the genera and species of plants listed in the tables below, acceptable tolerance to Source Dynamics Propiconazole 41.8% EC Fungicide has been observed. However, other plant species may not be as tolerant to Source Dynamics Propiconazole 41.8% EC Fungicide. Diseases not listed on this label may not be controlled with Source Dynamics Propiconazole 41.8% EC Fungicide. To treat other species of plants or diseases not listed on this label, test the recommended rate of Source Dynamics Propiconazole 41.8% EC Fungicide on a small number of plants. If the tested plants show no signs of phytotoxicity and disease is controlled, Source Dynamics Propiconazole 41.8% EC Fungicide may be used on a large number of plants.

USE RATES: The recommended use rates for control of diseases of ornamental plant species is 0.75-8.7 ft, oz. Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals, of water. The use directions in the Tables of Application Directions for Ornamentals Based on Rates and Specific Diseases are based upon the recommended use rates. Select the ornamental and disease to be treated in one of the five tables and follow the rate and directions for use in that table.

Outdoor Uses: The maximum amount of Source Dynamics Propiconazole that can be applied per crop per year is 2.0 gallons of 41.8% EC Fungicide per Acre.

Landscapes: General diseases are controlled with 2.2-3.0 ff. oz. in 100 gals, water. Optimum control is achieved when applied prior to development of disease and reapply at 21 day intervals.

RESTRICTIONS:

- Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide to African violets, begonias, Boston fem, or geraniums.
- Do not apply this product through any type of irrigation system.
- Do not use Source Dynamics Propiconazole 41.8% EC Fungicide in greenhouses or as a tree injection.
- Do not apply more than 5.8 fl. oz./1,000 sq. ft. of Source Dynamics Propiconazole 41.8% EC Fungicide per calendar year.
- Do not appty Source Dynamics Propiconazole 41.8% EC Fungicide as a tree injection or in greenhouses.

Tables of Application Directions for Ornamentals Based on Rates and Specific Diseases

Disease	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Flower Blight Monäinia spp.		Cherry Nectarine Peach Plum	Rate: 0.75-1.5 fl. oz. of Source Dynamics Propiconazole 41.8% EC Funglicide in 100 gals, of water applied to thoroughly cover tollage to point of drip.
			Timing: Every 14 to 21 days during peak disease outbreak.

Tables of Application Directions for Ornamentals Based on Rates and Specific Diseases (cont'd)

Disease	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions	
Leaf Blights/Spots Coccomyces hiemalis		Cherry	Tank-Mix: When disease is present, apply with another registered contact fungicide.	
Díscula spp. (Anthracnose)	Dogwood		Flower blight: Make first application at 5-10% bloom and second application at 70-100% bloom.	
Verduria inaequalis (Scab)	Crabapple	Apple	Dogwoods: Apply every 14 days at the normal rate. Alternatively, apply 3 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gal. o/ water every 28 days.	
Rust Gymnosporangium junipen-virginiariae	Crabapple Hawthom	Apple Bartlett Pear	Note: To avoid possible illegal residues, do not apply to apple. Bartlett pear, cherry, nectarine, peach, or plum trees that will bear harvestable fruit within 12 months.	

Disease	Herbaceous Ornamental	Woody Ornamental	Non-Boaring Fruits and Nuts (Nurserles and Landscape Plantings)	Application Directions
Conifer Blights Phomopsis juniperovora (Phomopsis Blighl)		Juniper		Rate: 1.8-3.0 fl. oz. o Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. o water applied to thoroughly cover foliage to point of drip.
Sphaeropsis sapinea (Diplodia Tip Blight)		Pines		Timing: When conditions lavor development of disease, and then as needed.

water (cont'd) Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Flower Blight Ovulinia spp.		Azalea Rhododendron		Tank-Mix: When disease is present, apply with another registered contact fungicide.
Leaf Blights/Spots Alternaria spp.	Gomphrena Marigold Impatiens English Ivy			Blackspot: Apply as a lank-mix with another registered contact fungicide labeled for blackspot.
Collectrichum spp.		Camellia Sycamore Euonymus Linden Magnolia Maple Rhaphiolepsis Tulip Tree		Calendula: Make applications every 30 days. Diplodia tip blight: Apply up to 3 applications and reapply at 14 days intervals beginning just after disease is detected.
Diplocerpon rosae (Blackspot) Fabraea maculata (syn. Entomosponium maculata)		Roses (Outdoor Use Only) Cotoneaster Red Tip Photinia Rhaphiolepsis		Juniper phomopsis htight: Begin applications when junipers start to grow and reapply at 14 to 21 day intervals during periods of active growth.
Heterosporium echinulatum	Sweet William (Dianthus barbatus)			
Spilocaea pyracanthae		Pyracantha		
Rhizoctonia web blight		Holly		

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Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Powdery Mildew Erysiphe spp.	Calendula Delphinium Impatiens	Crape Myrtle Tulip Tree		
Oldium spp.	Monarda Phlox Zinnia	Ash Elm Lilac Crabapple Dogwood Euonymus	Bartlett Pear	Note: To avoice possible illegal residues do not apply to apple on Bartlett pear trees that will bear harvestable fruit within 12 months.
Podosphaera spp.		Amelanchier	Apple	
Spha e rotheca pannosa		Roses (Outdoor Use Only)	Pecan	
Phyllactinia spp.		Maple		
Rust Phragmidium spp. Puccinia spp.	lris	Roses (Ouldoor Use Only)		
гисчта эрр,	Snapdragon		,	
Uromyces dianthi	Camation			

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Water Disease	Herbaceous Ornamental	Woody Ornamentat	Non-Bearing Fruits and Nuts (Nurseries and Landscape Ptantings)	Application Directions
Flower Blight Ascochyta chrysanthemi (Ray Blight)	Chrysanthemum			Rate: 3-4.5 fl. oz. of Source Bynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water applied to thoroughly cover foliage to point of drip.
Leaf Blights/Spots				
Cercospora spp. (Brown Leaf Spol)	Impatiens	Sweetgum Linden	Ресал	Timing: Every 30 days when conditions favor development of disease.
Cladosporium spp. (Scab)		Sweetgum	Pecan	Pecans: Use 12 ff. oz/100 gals. of water and apply at bud
Cristulariella spp. (Zonate leaf spot)		Crabapple	Pecan	break and make up to 3 applications at 14 day intervals.
Gnomonia fepiosyla (Anthracnose)			Walnut	Walnuts: Use the 3 fl. oz. rate at 14 to 2 f day intervals.
Mycosphaerella caryigena (Downy Spot)			Pecan	Ray blight: Use the 4.5 fl. oz. rate and apply at 7 day intervals. Alternatively, use a rate of 7.5 fl. oz. and apply at 14 day intervals.
				impaliens, bayberry, linden, magnolla, sweetgum, and wax myrtle: Use no more than 8 fl. oz./100 gals, water.

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Rate: 3-4.5 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water (cont'd) Non-Bearing Fruits and Nuts Woody Omamental Application Directions Herbaceous Disease (Nurseries and Ornamental Landscape Plantings) Septoria spp. (Leaf Scorch) Bayberry Wax Myrtle p_{ecan} Note: avoid To possible illegal residues, do not apply to walnut trees that will bear harvestable Sweetgum Rhododendron fruit within 12 months. Powdery Azalea Mildew Microsphaeara Linden Magnolia spp.

Disease	Woody Ornamental	Application Directions
Conifer Blights Sirrococcus strobotinus (Tip Blight)	Pines	Rate: 6 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals, of water applied to thoroughly cover tollage to point of drip.
Leaf BlightsfSpots Tubakia dryina	Oaks	Timing: Every 14 to 28 days when conditions favor development of disease.
Rust Metampsora occidentalis	Douglas Fir Poplars	Douglas fir needle rust: Make one application in May.
PucciniasIrum goeppertianum	Shasta Fir	Tip blight: Make first application in mid-late winter, and then make up to 3 applications at 60 day intervals.

Disease	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Leaf Blights/Spots Mycosphaerella fructicola (Greasy Spot)	Citrus	Rate: 7.5-8.7 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water applied to thoroughly cover foliage to point of drip. Timing: Apply June through August. Note: To avoid possible illegal residues, do not apply to cilrus trees that will bear harvestable fruit within 12 months

STORAGE AND DISPOSAL

Do not contaminate water, lood, or feed by storage or disposal.

PESTICIDE STDRAGE: Store in original container in a secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers.

PESTICIDE DISPOSAL: Pesticide wastes may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple ninse as follows: Empty the remaining contents into application equipment or a mix lank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour ninsale into application equipment or a mix tank or store ninsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeal this procedure two more times.

WARRANTY STATEMENT: IMPORTANT NOTICE - Seller warrants that this product conforms to the chemical description and is reasonably fit for purposes stated on the label when used in accordance with the directions and instructions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use contrary to label instructions or under conditions not reasonable foreseeable to seller, and, to the extent consistent with applicable law, buyer assumes the risk of any such use.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Chipco® is a registered trademark of Bayer AG.
Topsin® is a registered trademark of Cerexagri, Inc.
Syllt® is a registered trademark of Chimac-Agriphar S.A.
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United States

Environmental Protection Agency

Office of Pesticids Programs (7505C)
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Preduct 82542-20	Distributor Company Number 82542-20-84237	
Note: Do not subm	it distributor product labels	
Name of Registered Product Ibasic product name accepted by EPAI	Distributor Product Name	
Propiconazole 41.8%EC Fungicide	Salera Propiconazole 41.8%EC Fungicide	
Name and Address of Distributor (Type; include ZIP code)	<u></u>	

5olera ATO, LLC 7364 E. Red Hawk St. Mesa, Az. 85207

Read All Conditions Before Signing

- 1. The distributor product must have the same composition as the basic product.
- 2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
- 3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
- 4. The product must remain in the manufacturer's unbroken container.
- 5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
- 6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
- 7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

- -	*1	_
Distr	thi	ITOF
-104		3001

We intend to market our product under the Distributor Product Name specified above, subject to the canditions specified on this Notice.

Signature and Title of Distributor

Note

Note

Oate

04/27/2009

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant PRESIDENT 27 APRIL 2009

EPA Form 8570-5 (Rev. 8-94) Previous editions are obsolete.

White - EPA

Material to be added to an e-Jacket/Jacket

Reg. No. 82542-20
Description: Notice of Pesticida Registration D404480
1. Placement within the e-Jacket/jacket:
Default: (chronological, top = newest)
□ File Location: (PDF page number, i.e., "before page 45")
2. 🕱 Send to Data Extraction contractors this material:
☑ Newly stamped accepted label
□ Notification
New CSF
□ Other:
3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).
Reviewer's Name: POBERT WESTIN
Phone: 703-305-5721 Division: RD/FS
Date:



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

EPA Reg. Number:

Date of Issuance: AFR 2 3 2009

82542-20

Term of Issuance: Unconditional

Name of Pesticide Product:

Propiconazole 41.8% EC Fungicide

Name and Address of Registrant (include ZIP Code):

Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Page 1 of 2

Signature of Approving Official:

Date:

APR 2 3 2009

Shaja B. Joyner, Product Manager (20)

Fungicide Branch, Registration Division (7505P)

EPA Fonn 8570-6

Notice of Pesticide Registration Propiconazole 41.8% EC Fungicide EPA Reg. No. 82542-20 Page 2 of 2

APR 2 3 2009

- 2. Make the following changes to the label:
 - a. Change the product registration number to "EPA Reg. No. 82542-20"
 - b. On page 2 in the section **PERSONAL PROTECTIVE EQUIPMENT** change "Protective eyewear" to "Protective eyewear (goggles, face shield or safety glasses)"
 - c. On page 3 in the PPE section of the AGRICULTURAL USE REQUIREMENTS box change "Protective eyewear" to "Protective eyewear (goggles, face shield or safety glasses)"
 - d. On page 42, in column 1:
 - 1. Add a blank line above "Cercospora" and line up "Impatiens", "Sweet Linden", and "Pecan" in columns 2, 3, and 4 with "Cercospora"
 - 2. Add a blank line above "Cladosporium" and maintain the alignment with "Sweetgum" and "Pecan" in columns 3 and 4.
 - 3. Decrease the white space above "Cristulariella" and above "Mycosphaerella" to a single blank line; maintain the alignment in column 4.
 - e. On page 42, in column 5:
 - 1. Add a blank line above "Timing"
 - 2. Delete the horizontal line above "Ray Blight"
 - 3. Add a blank line above "Impatiens"
 - f. In the WARRANTY STATEMENT, change "...label instructions, or under abnormal conditions, or under conditions not reasonable foreseeable to seller, and buyer assumes the risk of any such use." to "...label instructions or under conditions not reasonable foreseeable to seller, and, to the extent consistent with applicable law, buyer assumes the risk of any such use."
- 3. Submit one copy of the revised final printed label for the record before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with Comments" is enclosed for your records.

Shaja B. Joyner Product Manager (20) Fungicide Branch Registration Division (7505P)

Enclosure: Label stamped "Accepted with Comments"

ACCEPTED dil Comments In EPA Letter Dated

Source Dynamics draft 11/15/08

Under the Federal Insecticide, Fundicide, and Redenticide Act

as amended, for the posticide

registered under EPA Reg. No.

PROPICONAZOLE 41.8% EC FUNGICIDE

A broad spectrum fungicide for control o/ labeled plant diseases

ACTIVE INGREDIENT

Propiconazole:

Contains 3.6 lb of propiconazole active ingredient per gallon.

EPA Reg. No. 82542-

EPA Est. No.

Net Contents:

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

Si usted no entiende la etiqueta, busque a algulen para que se la explique a usted en detaile. (If you do not understand the label, find someone to explain it to you in detail)

FIRST AID

IF IN EYES:	Hold eye open and mase stowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
	Call a poison control center or doctor for treatment advice.
IF ON SKIN OR	Take off contaminated clothing.
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	• immediately call a poison control center or doctor for treatment advice.
	Have person sip a glass of water it able to swallow.
	Do not induce vomiting unless told to do so by a poison control center or doctor.
	• Do not give anything by mouth to an unconscious person.
iF INHALED:	Move person to tresh air.
Thought the	If person is not breathing, call 911 or an ambulance, then give antificial respiration, preferably by
MARKET TO THE STATE OF THE STAT	mouth-to mouth it possible.
	Call a poison control center or doctor for further treatment advice.
	HOT LINE NUMBER

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

Manufactured for:

Source Dynamics LLC t0039 E. Troon North Drive Scollsdale, AZ 85262

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or Viton
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Control Statements

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40CFR 160.240(d)(4-6)].

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and shrimp. Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use, pour spill, or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear

GENERAL INFORMATION

Source Dynamics Propiconazole 41.8% EC Fungicide contains the active ingredient, propiconazole, which provides control of a broad range of plant diseases in the listed crops, turf and ornamentals.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

GENERAL USE PRECAUTIONS

Rotation Crop Restrictions

To prevent possible illegal residues in crops grown in fields previously treated with Source Dynamics Propiconazole 41.8% EC Eungicide, follow the plant back restrictions in the following table.

Number of Days to Wait E	Refore Replanting After the Last Sou 41.8% EC Fungicide Application	-
ANYTIME	75 Days	105 Days
Crops listed on this label	Alfalfa (the total amount of propiconazole must not exceed 0.22 lb Al/Acre in the previous year)	Other crops grown for food, grazing or animal feeds.

INTEGRATED PEST MANAGEMENT

It is strongly advised that Source Dynamics Propiconazole 41.8% EC Fungicide be used in a sound integrated pest management (IPM) program. Follow all cultural practices that aid in reducing disease development. Additional IPM strategies specific to your area is available from your state cooperative extension service, professional consultants or other qualified authorities. Source Dynamics Propiconazole 41.8% EC Fungicide may be used in State Agricultural Extension advisory programs. These disease forecasting programs recommend timings for fungicide applications which are dependent on environmental factors which favor disease development.

RESISTANCE MANAGEMENT

There are inherent risks of diseases developing tolerance to any fungicide product; therefore it is strongly advised that Source Dynamics Propiconazole 41.8% EC Fungicide be used in a sound resistance management program. Source Dynamics Propiconazole 41.8% EC Fungicide belongs to the Group 3 class of fungicides which means that propiconazole acts as a demethylation inhibitor of sterol biosynthesis in the membranes of fungi. Resistance can develop whenever products with the same mode of action are used over and over in the same fields or crops. Follow the directions on this label for rotation of Source Dynamics Propiconazole 41.8% EC Fungicide with fungicides which are not in the Group 3 class and limitations on the number of applications per season of Source Dynamics Propiconazole 41.8% EC Fungicide. Additional resistance management strategies may be obtained from your local or State agricultural authorities. Avoid alternating the use of or tank-mixing Source Dynamics Propiconazole 41.8% EC Fungicide with other fungicides with known resistance to fungal diseases listed on this label.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph.

Droplet Size

Apply as a medium or coarser spray (ASAE Standard 572).

Temperature inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of propiconazole. Where states have more stringent regulations, they must be observed.

Equipment

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- 1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray
 at a height greater than 10 feet above the crop canopy unless a greater height is required for
 aircraft safety.
- 3. When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirements for groundboom applications:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

SPRAY EQUIPMENT

For optimum disease control, use sufficient volumes of water to ensure a therough, uniform coverage of foliage.

Avoid spray drift. Do not apply under conditions that might allow sprays to drift from the target area. Do not overlap sprays or crop injury may occur. Because air blast sprayers force spray droplets into the crop canopy using a forced air stream, the fan must be adjusted to deliver only enough air volume to penetrate the canopy and provide good coverage. Direct sprays to the target areas by adjusting deflectors.

Use only the same size nozzles that are spaced uniformly across the boom in order to provide accurate and uniform application. Calibrate all sprayer equipment prior to use. Ensure spray pressure at nozzles is 35-40 psi. Keep spray solution constantly agitated (re-circulate 10% of tank volume per minute using a jet agitator or liquid sparge tube. Do not air sparge).

To prevent clogging of nozzles, use a 16-mesh or coarser screens (suction side of pump), a 50-mesh or coarser screen (between the pump and boom), and when required, a screen at the nozzles. Consult the nozzle manufacturer's recommendations.



Refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc. For specific local directions and spray schedules, consult state cooperative extension service, professional consultants or other qualified authorities.

PREPARATION OF SPRAY SOLUTIONS

To prepare a spray tank solution of Source Dynamics Propiconazole 41.8% EC Fungicide, follow the steps below. Do not prepare more solution than is required for a day's work. Use only equipment that has been properly cleaned before use. Refer to the sections below on Tank Mixes.

- 1. Using clean fresh water, fill the spray tank ½ ¾ full.
- 2. Begin agitation and then add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide. If tank mix partners are to be included, be sure that all partner products are compatible as a tank mix with Source Dynamics Propiconazole 41.8% EC Fungicide (refer to the Compatibility Test, below). Once compatibility has been determined, use the following order of addition: wettable powders and water dispersible granular formulations, liquid flowables, Source Dynamics Propiconazole 41.8% EC Fungicide, and then emulsifiable concentrates.
- 3. Allow the solution to agitate for 5 minutes to completely mix the water and formulation
- 4. Continue agitation and fill the spray tank with the remaining water.
- 5. Agitate the solution continuously until the application operation is complete.
- At the end of the day, rinse the spray tank with clean water. The pesticide rinsate may be disposed of by applying to an area which has been treated with Source Dynamics Propiconazole 41.8% EC Fungicide.

Tank Mixes

Source Dynamics Propiconazole 41.8% EC Fungicide may also be applied with other fungicides, insecticides or herbicides. Before mixing or applying any of these tank mixtures, carry out a Compatibility Test (see below). It the tank mix partner is considered to be compatible with Source Dynamics Propiconazole 41.8% EC Fungicide, prepare tank mixtures as recommended above and follow the proper order of addition to the spray tank.

When applying Source Dynamics Propiconazole 41.8% EC Fungicide as a tank mixture, observe all tank mix partner label directions for use, crops and use sites, application rates, dilution ratios, precautions, and limitations. Use the labeling that has the most restrictive label precautions and limitations. Do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with any product that restricts tank mixing.

To avoid crop injury do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with Syllite.

Compatibility Test

Before adding Source Dynamics Propiconazole 41.8% EC Fungicide or other products to a spray tank, carry out a compatibility test. Use a quart jar with a lid and add proportionate amounts of each ingredient with 1 quart of water to the jar. Use the following order for addition: wettable powders and water dispersible granular formulations, liquid flowables, and then emulsifiable concentrates. Cap the jar and shake for 5

minutes. Let the mixture sit for 5 minutes. If the mixture forms a precipitate that cannot be re-dispersed or mixes poorly, then the mixture should not be used. If the mixture stays mixed or remixes readily after standing, the mixture is physically compatible.

Source Dynamics Propiconazole 41.8% EC Fungicide Label Rates in Fl. Oz./Acre and Equivalents in Ib a.i./Acre and Number of Acres Treated by 1 Gal.:

FI. Oz. of Source Dynamics Propiconazole 41.8% EC Fungicide/Acre (tb a.i./Acre)	Number of Acres that can be treated with 1 gallon Source Dynamics Propiconazole 41.8% EC Fungicide
2 (0.056)	64
4 (0.1125)	32
6 (0. 16 9)	21.3
8 (0.225)	16
10 (0.2 8)	12.8
12 (0.34)	10.7
16 (0.45)	8
20 (0.56)	64
24 (0.67)	5.3
30 (0.84)	4.3
32 (0.90)	4

APPLICATION INSTRUCTIONS

Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.

Do not apply when conditions prevent a uniform coverage of crop canopy or if spray drift may occur.

Ground Application: Apply Source Dynamics Propiconazole 41.8% EC Fungicide to tree crops in a minimum of 50 gals, of water per acre and to other crops in a minimum of 10 gals, of water per acre, unless specified otherwise in this label.

Aerial Applications: Apply Source Dynamics Propiconazole 41.8% EC Fungicide to tree crops in a minimum of 10 gals. of water per acre and to other crops in a minimum of 2 gals. of water per acre, unless specified otherwise in this label.

Application Through Irrigation Systems (Chemigation) – Use chemigation to apply Source Dynamics Propiconazole 41.8% EC Fungicide to only the crops for which chemigation is specified on this label. Apply in no more than 0.1 - 0.25 inches of water or reduced efficacy may result.

Source Dynamics Propiconazole 41.8% EC Fungicide, alone or in combination with other pesticides which are registered for application through irrigation systems may be applied through irrigation systems. Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Notes: Do not inject Source Dynamics Propiconazole 41.8% EC Fungicide at full strength or deterioration of valves and seals may occur. Use a dilution ratio of at least 10 parts water to 1 part Source Dynamics Propiconazole 41.8% EC Fungicide. Source Dynamics Propiconazole 41.8% EC Fungicide is corrosive to many seal materials. Leather seals are best. EPDM or silicon rubber seals can be used, but should be replaced once a year. Do not use Viton, Buna-N, Neoprene, or PVC seals.

Operating Instructions

- The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- The pesticide injection pipeline must also contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interiock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7. Do not apply when wind speed favors drift beyond the area intended.

Center Pivot Irrigation Equipment

Notes: (1) Use only drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Source Dynamics Propiconazole 41.8% EC Fungicide through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/2 inch of water over the area to be treated when the
 system and injection equipment are operated at normal pressures as recommended by the
 equipment manufacturer. When applying Source Dynamics Propiconazole 41.8% EC
 Fungicide through irrigation equipment, use the lowest obtainable water volume while
 maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated
 capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Source Dynamics Propiconazole 41.8% EC Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide and sufficient water to meet the injection time requirements to the solution tank
- Make sure the system is fully charged with water before starting injection of the Source Dynamics Propiconazole 41.8% EC Fungicide solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Source Dynamics Propiconazole 41.8% EC Fungicide solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Source Dynamics Propiconazole 41.8% EC Fungicide through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Source Dynamics Propiconazole 41.8% EC Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide into the same quantity of water used to calibrate the injection period.

- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until
 the Source Dynamics Propiconazole 41.8% EC Fungicide solution has cleared the last
 sprinkler head.

CROP USE DIRECTIONS

BANANAS AND PLANTAINS

Diseases:

Black Sigatoka (Mycosphaerella fijiensis)

Diach Olyatona (IVI)	cospn a erella tijiensis)	
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
3	Time applications of Source Dynamics Propiconazole 41.8% EC Fungicide to start at the beginning of the rainy season but before disease develops. Mix 3 ft. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide/A in 10-20 gallons of water/Acre Make 2 consecutive applications at 21 to 25 day intervals followed by two consecutive applications of a registered fungicide that has a different mode of action than Source Dynamics Propiconazole 41.8% EC Fungicide. Up to 8 applications of Source Dynamics Propiconazole 41.8% EC Fungicide are permitted, although It is highly recommended to avoid use of triazole fungicides for two consecutive months during the time when disease pressure is at its lowest. How to prepare an Oil-In-Water Emulsion: Add the ingredients to the spray tank in the order listed. 1. Crop oil 2. Emulsifier (0.6 fl. oz./gal. of oil) and Source Dynamics Propiconazole 41.8% EC Fungicide. Agitate	Maximum application rate per season: 24 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide including pre-harvest sprays (equivalent to a total of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide within 100 yards of non-bagged bananas. Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide on bananas or plantains if the fruit are not covered with polyethylene bags. Do not feed whole bananas and plantains to animals.
German Comment	mixture for at least 5 minutes.	

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre		Directions for Application	Restrictions
3	-	Water. Agitate the mixture for at least 15 minutes and maintain agitation during spraying operations. repare an Oil Atone Mixture: Addients to the spray tank in the order	
	listed. 1. 2.	Crop oil. Source Dynamics Propiconazole	
	2.	41.8% EC Fungicide. Agitate the mixture for at least 5 minutes and maintain agitation during spraying s	
		operations.	

PINEAPPLE - HI ONLY

	PINEAPPLE - HI ONLY	
Diseases: Butt rot (Ceratocysi	tis paradoxa)	
Rate of Source Dynamics Propiconazote 41.8% EC Fungicide	Directions for Application	Restrictions
0.75 fl. oz./100 gals of water (1:17,000)	Use either a cold water or a hot water dip treatment. Cold Water Dip: Place crowns in the dip to the the crowns. Remove the crowns and allow excess dip solution to drain. Hot Water Dip: Heat and hold the treatment solution at 125°F (52°C). Allow the crowns to soak for 20-30 minutes. Remove the crowns and allow the excess dip solution to drain.	For use in HI only. Do not use treated crowns for food or feed. Do not graze while plant is growing. Do not graze tops until fruit is harvested. Dispose of used dip solution according to local, state, and federal regulations.

BERRY CROPS

Berry Crops include the following Bushberries and Caneberries and cultivars and/or hybrids of these berry crops: Bingleberry, Blackberry, Blueberry, Boysenberry, Currants, Dewberry, Elderberry, Gooseberry, Huckleberry, Juneberry, Lingonberry, Loganberry, Lowberry, Marionberry, Olallieberry, Raspberry (Red and Black), Salal, Youngberry.

Diseases:

Mummyberry Disease (Monilinia vaccinicorymbosi) Leaf Spoi (Septoria spp.) Stem Canker (Septoria albopuncatata) Leaf and Cane Spot (Septoria rubi) Powdery Mildew (Microsphaera vaccinii) Rust (Pucciniastrum vaccinii)

Propiconazole 41.8% EC Fungicide FI. Oz. per Acre 6 Apply Source Dynamics Propiconazole 41.8% EC Fungicide by air (minimum of 15 gal./Acre), or by ground application (minimum of 5 gal./Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of toliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Mummyberry disease: Apply at green tip, and Maximum application in per season: 30 fl. oz./A per season Source Dynam Propiconazole 41.8% Fungicide (equivalent to total of 0.84 lb. a.i./Acre season of any product to contains propiconazole).	Rate of Source	Directions for Application	Restrictions
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$\chi = -\frac{1}{2} P_{2} P_{3} + \frac{1}{2} N_{2} P_{3} + \frac{1}{2} N_{3} P$		NORMAN SAME CONTRACTOR SAME TO	
্রত্তি ৈ Lieat Spot : Begin applications before bloom and	n di	Profit Safety Control of the Control	
again after petal fall. Another application may be		1 (a - 17) 1 (a	
made if needed just after harvest.	(24) 1343 (34) (24) (24) (24) (24)	2.004	

CRANBERRIES - OR, WA AND WI ONLY

Diseases:

Cottonball (Monilinia oxycocci)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-6	Apply by air or by ground (minimum 20 gal/A) at leaf bud break and reapply 14 days later. A third application may be made at early bloom and again 14 days later. For severe disease pressure, use the higher rate. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 45 days.

NON-BEARING CITRUS

Non-bearing Citrus includes the following crops and cultivars and/or hybrids of these crops: Calamondin, Citrus hybrids (chironia, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour and sweet), Pummelo, Satsuma Mandarin.

Diseases:

Greasy Spot (Mycosphaerella citri),

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
6-8	Apply by air or by ground (minimum 15 gal/A) in June and reapply at 30 day intervals through August. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 24 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply if citrus trees will bear harvestable fruit within 12 months.
	13	

STONE FRUIT

Stone Fruit include the following crops and cultivars and/or hybrids of these crops: Apricots, Sweet and Tart Cherries, Nectarines, Peaches, Plums, Plumcot, Prunes.

Diseases:

Brown Rot Blossom Blight (Monilina spp.)
Cherry Leaf Spot (Blumeriella jaapii)
Fruit Brown Rot (Monilinia spp.)
Powdery Mildew (Podosphaera spp.)

Rust (Tranzschelia discolor)

		######################################
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	Apply by ground or by air (minimum of 15 gal./Acre), although ground application tends to give more effective control of listed diseases. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Brown Rot Blossom Blight: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at early bloom stage. Make one repeat application under low disease pressure through petal fall. Make two additional applications under high disease pressure (or if variety is particularly sensitive to disease) first at 75-100% bloom and then at petal fall. Fruit Brown Rot: Apply up to two applications from pre-harvest up to the day of harvest. If disease pressure), select a different registered fungicide to apply after the second Source Dynamics Propiconazole 41.8% EC Fungicide application.	Maximum application rate per season: 20 fl. oz JAcre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.56 lb. a.i JAcre per season of any product that contains propiconazole). Preharvest Interval (PHI): 0 days.

Rate of Source	Directions for Application	Restric tions
Dynamics	••	
Propiconazole		
41.8% EC		
Fungicide		
Fl. Oz. per		
Acre		
4	Powdery Mildew, Cherry Leaf Spot, Rust:	
	Apply Source Dynamics Propiconazole 41.8% EC	
	Fungicide using the directions for Brown Rot	.4,.
:	Blossom Blight. An additional two applications	, 식취하
•	may be made at 10 to 14 day intervals starting	
•	from the end of petal fall through harvest.	
	Note: When Source Dynamics Propiconazole	
	41.8% EC Fungicide has been applied to Stanley	
'	plums during bloom, the harvested fruit has been	
	observed to be less oval in shape and smaller in	
	size than untreated fruit. These effects may be	
	prevented by applying Source Dynamics	
'	Propiconazole 41.8% EC Fungicide to Stanley plums 21 days or more before harvest.	

STRAWBERRIES

Diseases:

Anthracnose (Colletotrichum acutatum)
Leaf Spot (Cercospora fragariae)
Leaf Rust (Phragmidium potentillae)
Powdery Mildew (Sphaerotheca maculans)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	Apply by air (minimum of 15 gal./Acre) or ground (minimum of 20 gal./Acre) application when disease levels are 5% or less. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 0 days.
	15	

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	Apply no more than four additional applications at 4 fl. oz./A of Source Dynamics Propiconazole 41.8% EC Fungicide at 7 day intervals. After two consecutive Source Dynamics Propiconazole 41.8% EC Fungicide applications, rotate to a fungicide having a different mode of action than Source Dynamics Propiconazole 41.8% EC Fungicide.	

TREE NUTS

Tree Nuts include the following crops: Beechnut, Brazil Nut, Butternut, Cashew Chestnut, Chinquapin, Hickory, Macadamia, Walnut. See the following tables for specific directions for Almonds, Filberts, Pecans, and Pistachios.

Diseases:

Foliar Diseases

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply Source Dynamics Propiconazole 41.8% EC Fungicide by air of ground application (minimum 15 gal/Acre), although best results are obtained from ground applications. Begin applications when disease first develops and reapply at 7 to 14 day intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 4 t.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 60 days except for pecans (refer to use directions table for pecans, below). Do not graze livestock in treated areas or cut treated cover crop for feed.

ALMONDS

Diseases:

Brown Rot Blossom Blight (Monilinia Iaxa, M. fructicola) Anthracnose (Collectotrichum acutatum)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply Source Dynamics Propiconazole 41.8% EC Fungicide by air or ground application (minimum of 15 gal/Acre) at 5-10% bloom and again at 50-100% bloom. Use the highest rate when disease conditions are severe. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Anthracnose: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at the 8 fl. oz./Acre rate at bud break and reapply at 7 to 14 day intervals.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest interval (PHI): 60 days. Do not graze livestock in treated areas or cut treated cover crop for feed.

FILBERTS (HAZELNUTS)

Diseases:

Eastern Filbert Blight (Anisogramma anomala)

gal/A) when green leaf tissue is visible season: 32 fl. oz./Acre per and reapply at 14 to 21 day intervals. For severe disease pressure, use the higher rate and apply at the shorter spray interval. Use sufficient volumes season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of	Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
rune. Telling Telling	5-8	gal/A) when green leaf tissue is visible and reapply at 14 to 21 day intervals. For severe disease pressure, use the higher rate and apply at the shorter spray interval. Use sufficient volumes	Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi. Oz. per Acre	Directions for Application	Restrictions
	coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on	Preharvest interval (PHI): 60 days.
	foliage before a rainfall event. NOTE: Some varieties of filberts may develop smaller and/or greener leaves	Do not graze livestock in treated areas or cut treated cover crop for feed.
	from application of Source Dynamics Propiconazole 41.8% EC Fungicide, however, yields from these filbert trees	
	are not reduced as a result of the Source Dynamics Propiconazole 41.8% EC Fungicide applications.	

PECANS

Diseases:

Downy Spot (Mycosphaerella caryigena) Liver Spot (Gnomonia caryae pv pecanae) Pecan Scab (Cladosporium caryigenum) Powdery Mildew (Micorsphaera penicillata) Vein Spot (Gnomomia nerviseda) Zonate Leaf Spot (Cristulanella moricola)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply by ground or by air (minimum of 20 gai./Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Pecan scab: Begin applications (4 to 8 fl. oz./Acre) during bud break and pre-pollination sprays. Reapply at 14 day intervals. During nut formation and cover sprays, apply 6-8 fl. oz./Acre) and use the higher rate when disease pressure is severe.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply after shuck split. Do not graze livestock in treated areas or cut treated cover crop for feed.
	18	

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
	Other listed foliar diseases: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at 4 fl. oz./Acre as a tank mix with other products registered for use on pecans and labeled for these mid- to late-season foliar diseases.	follow the measures contained in the County Bulletin for the county which you are applying the pesticide. To determine whether your County has a Bulletin consul
		http://www.epa.gov/espp/usa-map.htm Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

PISTACHIOS

Diseases:
Botrysphaeria Panicle, Shoot Blight (Botryosphaeria dothidea)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fil Oz. per Acre	Directions for Application	Restrictions
5-8	Apply by ground or by air (minimum of 15 gal./Acre) when green leaf tissue is visible and reapply at 14 to 21 day intervals. For severe disease pressure, use the highest rate and reapply at the shorter spray interval. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 60 days Do not graze livestock in treated areas or cut treated cover crop for feed.
19		

Rate of Source Dynamics Propiconazole 41.8% EC	Directions for Application	Restrictions
Fungicide		Sanda Sanda
Fl. Oz. per Acre		
	NOTE: Some trees may develop	
	smaller and/or greener leaves from	
	application of Source Dynamics	
	Propiconazole 41.8% EC Fungicide,	
	however, yields from these pistachio	
	trees are not reduced as a result of	
	the Source Dynamics Propiconazole	
	41.8% EC Fungicide applications.	

CARROTS

<u>Diseases:</u>
Leaf Blights (Cercospora carotae) (suppression of Alternaria dauci)
Powdery Mildew (Eryslphe polygoni)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
2, plus 0.75 lb Al chlorethalonil (1 pt. Bravo WeatherStik)	Apply by air (minimum 5 gal/Acre) or by ground (minimum 15 gal/A) if conditions exist for development of diseases and reapply every 7 (in severe disease situations) to 10 days. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. A spreader/ sticker may be used if needed.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days.

20

CELERY AND LEAF PETIOLES

Leaf Petioles include the following crops: Cardoon, Celery, Chinese Celery, Celtuce, Florence Fennel, Rhubarb, and Swiss Chard.

Diseases:

Early Blight (Cercospora apii) Late Blight (Septoria apicola)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
4	Apply by air (minimum 5 gal/Acre) or by ground (minimum 10 gal/A) if conditions exist for development of diseases and reapply every 7 days. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. A spreader/ sticker may be used if needed.	Maximum application rate per season: 16 ff, oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days.

CEREAL CROPS

Cereal crops includes the following crops: Barley, Oats, Rye, Triticale, Wheat.

Diseases:

Barley Scald (Rhynchosporium secalis)

Leaf Blight (Septoria tritici)

Barley Stripe (Pyrenophora graminea)

Net Blotch (Pyrenophora teres)

Foot Rot (Pseudocercosporella spp.) Powdery Mildew (Blumeria spp., Erysiphe spp.)

Fusarium Head Blight Suppression Rust (Puccinia spp)

Glume Biotch (Stagonospora nordorum)

Spot Blotch (Bipolaris sorokiniana)

Helminthosporium Leaf Blight (Drechslera tritici-repentis)

Tan Spot (Pyrenophora tritici-repentis)

	Rate of Source Dynamics Propiconazote 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions	
	2-4	Early Season Suppression of Powdery Mildew, Leaf Blight, Glume Blotch, and Tan Spot: Apply by air, ground or chemigation. For season-long control, make application in the spring and make one repeat application up to Feeks growth stage t0.5. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 4 fl. oz./Acre per season when forage or hay is harvested; 8 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.22 lb. a.i./Acre per season of any product that contains propiconazole).	
	4	Mildew, Leaf Blight, Glume Blotch, Tan Spot, Helminthosporium Leaf Blight, Spot Blotch, Barley Scald, Barley Stripe, Net Blotch: Apply by air, ground or chemigation. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage, especially the flag leat. Optimum yields are obtained when Source Dynamics Propiconazole 41.8% EC Fungicide is applied when the flag leaf is between 50% and 100% emerged. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Improved spray coverage and canopy penetration is achieved using an oil-based adjuvant. Foot Rot: Apply Source Dynamics Propiconazole 41.8% EC Fungicide as a tankmix with half the rates of other EPA registered fungicides (such as Topsin® M) to crops at tillering but prior to elongation. Suppression of Fusarium Head Blight: Apply Source Dynamics Propiconazole 41.8% EC Fungicide close to 50% flowering. Increased suppression may result by adding a penetrating-type adjuvant.	Minimum Days Between Treatments: 14 days. Preharvest interval (PHI): 30 days forage, 40 days grain and straw, 45 days hay	
		22		
W. 1	SPREASE TERM			

CORN - FIELD, SEED, POPCORN, AND SWEET

Diseases:

Eye Spot (Aureobasidium zeae)
Gray Leaf Spot (Cercospora zeae-maydis)
Northern Corn Leaf Blight (Setosphaeria turcica †
Northern Corn Leaf Spot (Cochiliobolus carbonum) †
Southern Corn Leaf Blight (Cochiliobolus heterostrophus) †
Rusts (Puccinia spp.)

† Also known as Helminthosporium Leaf Blights (H. maydis, H. turcicum, H. carbonum)

Rate of Source Dynamics Propiconazole 41.8% EC	Directions for Application	Restrictions
Fungicide Fl. Oz. per Acre		
2-4	Helminthosporium Leaf Blights: Apply by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 41.8% EC Fungicide is applied early in the season (when disease is first detected). Reapply every 7 to 14 days if conditions remain favorable for disease development. Use the higher rate and shorter spray interval it disease pressure is high. Use sufficient volumes of water to ensure a thorough uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on toliage before a raintall event.	Field Corn, Field Corn Grown for Seed, and Popcorn - Maximum application rate per season: 8 fl. oz./Acre per season on field com. harvested for forage: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI) - Field Corn, Corn for Seed, Popcorn: 30 days forage,
4	by air, ground or chemigation. Best control of disease is obtained when Source Dynamics. Propiconazole 41.8% EC Fungicide is applied early in the season (when disease is first detected). Reapply every 7 to 14 days if conditions remain favorable for disease development. Use sufficient volumes of water to ensure a thorough uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	grain and stover. Preharvest interval (PHI) - Sweet Corn: 14 days ears; 14 days forage.
40e), 300 - 507	23	

GRASSES GROWN FOR SEED - ID, MN, NE, OR AND WA ONLY

Diseases:

Ergot Stem Diseases
Powdery Mildew (Erysiphe graminis)
Rusts (Puccinia spp)
Selenophoma Stem Eyespot (Selenophoma spp.)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply by air (minimum to gal/A), by ground or by chemigation when disease is first detected and reapply at 14 to 21 day intervals. For optimum control of rust, use the highest rate and apply at the shorter spray interval until the seed is mature. Apply a final application no more than 20 days before seed matures. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Apply to bluegrass early in the growing season.	For use only in ID, MN, NE, OR and WA. Maximum application rate per season: 32 fi. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Do not feed hay cut within 20 days of the last application.

PEPPERMINT AND SPEARMINT

<u>Diseases:</u> Rust (Puccinia menthae)

Rate of Source Dynamics	Directions for Application	Restrictions
Propiconazole 41.8% EC		
Fungicide Fl. Oz. per Acre		
4	Apply by ground (minimum 20 gal./Acre) when plants are 2 to 4 inches tall or if conditions remain favorable for disease	Maximum application rate per season: 8 fl. oz./Acre per season Source Dynamics
	development and reapply 14 days later. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage.	Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.22 lb. a.i./Acre per
in the second second		

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	season of any product that contains propiconazole). Preharvest Interval (PHI): 30 days.

ONIONS

Onions include the following crops and cultivars and/or hybrids of these crops: Dry Bulb Onions, Dry Bulb Shallots, Garlic, Green Eschalots, Green Onions, Green Shallots, Japanese Bunching Onions, Leeks, Scallions, Spring Onions.

<u>Diseases:</u>
Purple Blotch (Altemaria porri)
Suppression of Botrytis Leaf Blight (Botrytis squamosa)

		240 030048 00055
Rate of Source Dynamics	Directions for Application	Restrictions
Propiconazole Propiconazole	· ·	
41.8% EC	<u> </u>	
Fungicide		
Fl. Oz. per Acre		
4-8	Apply by ground (minimum 15 gal./Acre) or	Maximum application rate
	by air (minimum of 5 gal Acre) when	per season: 16 fl. oz./Acre
	conditions remain favorable for disease	per season Source Dynamics
	development and reapply at 7 to 10 day	Propiconazole 41.8% EC
	intervals. For severe disease pressure,	Fungicide (equivalent to a
	use the highest rate and reapply at the	total of 0.45 lb. a.i./Acre per
	shorter spray interval Use sufficient	season of any product that
	volumes of water to ensure a thorough,	contains propiconazole).
	uniform coverage of foliage. For best	Preharvest Interval (PHI):
į.	results, allow Source Dynamics	14 days dry bulb onions, 0
-60250x	Propiconazole 41.8% EC Fungicide	
	residues to dry on foliage before a rainfall	day for green onion types.
0.4 -1	event.	
2-4, plus tank mix	Apply Source Dynamics Propiconazole	
partner	41.8% EC Fungicide as a tank mix with	
	another registered fungicide that controls	
12865. 700S. 2005	the listed diseases. Apply by ground	
	(minimum 15 gal./Acre) or by air (minimum	
	of 5 gal./Acre) when conditions remain	
	favorable for disease development and	
	reapply at 7 day intervals or as directed on	
	the label of the	
	25	
The state of the s	· 	

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
	tank mix partner. For severe disease pressure, use the highest rate. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Best results are obtained if a wetting agent or spreader/sticker is added to the spray mixture.	

PEANUTS

<u>Diseases:</u>
Early Leaf Spot (Cercospora arachidicola)
Late Leaf Spot (Cercosporidium personatum)
Rust (Puccinia arachidis)
Southern Stem Rot (Sclerotium rolfsii)
Web Blotch (Phoma arachidocola)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
2.5-4	Late Leaf Spot, Rust, Web Blotch Apply by ground, air or chemigation 35-40 days after crop is planted or when disease is detected, and reapply at 10 to 14 day intervals. For severe early leaf spot pressure, use the highest rate. Source Dynamics Propiconazole 41.8% EC Fungicide also may be used when State Agricultural Extensions provide advisories that recommend applications be made based on environmental factors that lead to disease development.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days (4 fl. oz./Acre) or 21 days (8 fl. oz./Acre).
	26	



Rate of Source Dynamics Propiconazole 41.8% EC Fungicide EL Oz. per Acre	Directions for Application	Restrictions
FI. Oz. per Acre Refer to text	Southern Stem Rot: Use one of the application schedules below: 4 fl. oz./Acre of Source Dynamics Propiconazole 41.8% EC Fungicide: apply to the crown and pegging zones of the plant by chemigation or directed ground application about 45 days after planting, or at the first signs of disease. Reapply at 14 day intervals. 8 fl. oz./Acre of Source Dynamics Propiconazole 41.8% EC Fungicide: apply to the crown and pegging zones of the plant by chemigation or directed ground application about 60 days after planting (at pegging) or at the first sign of disease. Make one repeat application. Irrigation: To apply Source Dynamics Propiconazole 41.8% EC Fungicide in irrigation water, use a minimum of 0.25-0.5 inches of irrigation water/Acre. Sufficient water is required in order for the fungicide to penetrate the canopy of peanut foliage and reach the crown of the plant (Southern Stem Rot is most active at this part of the plant). Additional treatment methods should be used to control leaf spot if Source Dynamics Propiconazole 41.8% EC	Do not feed livestock hay harvested from fields treated at the 8 fl. oz./Acre rate.

RICE

<u>Diseases:</u>
Aggregate Sheath Spot (Rhizoctonia oryzae-sativa)
Black Sheath Rot (Gaeumannomyces graminis)

Leaf Smut (Entyloma oryzae) Narrow Brown Leaf Spot (Cercospora oryzae)





Brown Leaf Spot (Helminthosporium oryzae) Kernei Smut (Tilletia barc/ayana)

Sheath Blight (Rhizoconia solani) Sheath Spot (Rhizoctonia oryzae)

Suppression only: False Smut (Ustilaginoldea virens) Stem Rot (Sclerotlum oryzae)

Wild Rice - MN Only

Brown Spot (Bipolaris spp.) Helminthosporium Leaf Blight (Helminthosporium sp.)

· · · · · · · · · · · · · · · · · · ·	Bilgnt (Helmintnosponum sp.)	
Rate of Source Dynamics	Directions for Application	Restrictions
Propiconazole	, v	
41.8% EC		
Fungicide Fl. Oz. per Acre		
6-10	Apply only by aerial application (minimum	Maximum application rate
0 10	5-10 gal. water/Acre). Use sufficient	per season: 12 fl. oz./Acre
	volumes of water to ensure a thorough	per season Source Dynamics
	uniform coverage of foliage. For best	Propiconazole 41.8% EC
	results, allow Source Dynamics	Fungicide (equivalent to a
	Propiconazole 41.8% EC Fungicide	total of 0.34 lb. a.i./Acre per
	residues to dry on foliage before a rainfall	season of any product that
	event.	contains propiconazole).
	For assistance in determining the	Preharvest Interval (PHI):
	appropriate time for application of Source	35 days
	Dynamics Propiconazole 41.8% EC	Do not apply to stubble or
؞	Fungicide, consult local extension experts	ratoon crop rice.
•••	who can provide information on local	Do not use in rice fields where
<i>40</i> 7800	economic thresholds established for	commercial farming of
	various rice varieties and diseases.	crayfish will be practiced.
	Use one of the application schedules below:	Do not drain water from
	below: ି Use 6 fl. oz. at first internode	treated rice fields into ponds used for commercial fish
	elongation (up to 2-inch panicle).	farming.
	Make a second application at swollen	Do not use water drained
	boot 14 days after the first application	from treated fields to irrigate
	but before the boot splits and head	other crops.
	emerges. For optimum control of	
	sheath blight, make first application	The active ingredient(s) in this
	when disease develops, when 5% or	product may have effects on
	fewer of the tillers are infected.	federally listed threatened or
97 P		endangered species or critical
		habitat in some counties.
	28	

Rate of Source Dynamics	Directions for Application	Restrictions
Propiconazole 41.8% EC Fungicide	• •	
Fl. Oz. per Acre		
	Use 10 fl. oz./A at first internode	When using this product, you must
	elongation (up to 2-inch panicle).	follow the measures contained in the
	This rate is recommended if greater than 10% of the tillers are infected	County Bulletin for the county which you are applying the pesticide. To
	with sheath blight. If disease	determine whether your County has a
	reappears, follow the Source	Bulletin, consult
	Dynamics Propiconazole 41.8% EC	http://www.epa.gov/espp/usa-map.htm.
	Fungicide application with a different	Bulletins also may be available from 🔍
	registered fungicide.	local pesticide dealers, extension
	Tank mixes: 6 fl. oz./Acre of Source Dynamics Propiconazole 41,8% EC	offices, or State pesticide agencies.
	Dynamics Propiconazole 41.8% EC Fungicide in a tank mix with other	
	fungicides (such as Quadris) to control	
	rice diseases.	
6-8	Apply only by aerial application. Make	
Wild Rice	two applications no less than 10 days	
(MN only)	apart at 6 fl. oz./Acre of Source Dynamics	
	Propiconazole 41.8% EC Fungicide at booting and then at heading.	
	Alternatively, make one application at 8 fl.	
	oz./Acre at booting. Use sufficient	
	volumes of water to ensure a thorough,	>
	uniform coverage of foliage. For best	
	results, allow Source Dynamics	
1	Propiconazole 41.8% EC Fungicide	
	residues to dry on foliage before a rainfall event.	

SORGHUM

<u>Diseases:</u> Ergot (Claviceps sorghi)

29

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
3-4	Apply by ground (minimum of 15 gal./Acre) or by air (minimum 10 gal. water/Acre) just before flowering. Make up to four additional applications at 5 to 7 day intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 8 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide (0.22 lb propiconazole a.i.) on sorghum harvested for forage; 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest tnterval (PHI): 30 days for forage, 21 days for grain and stover. Do not graze livestock or cut for green chop or silage within 30 days of application.

SOYBEANS

<u>Diseases:</u>
Aerial Web Blight (Rhizoctonia solani)
Anthracnose (Colletotrichum truncatum)
Brown Spot (Sepforia glycines)

Frogeye Leaf Spot (Cercospora sojina) Soybean Rust (Phakopsora pachyrhizi)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-6	Apply by ground or by air. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Best results from aerial applications are obtained by using an oil-based additive that improves foliar coverage and penetration of crop canopy.	Maximum application rate per season: 12 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply after Stage R6.
and the second second	30	

occ 5-6 app the who Oti to I poc oz J	rial Web Blight: Time applications to cur when disease first develops and apply in fl. oz./Acre. Make one repeat plication at 14 to 21 days interval. Use highest rate and shorter spray interval en disease conditions are severe. her foliar diseases: Time applications begin at growth stage R3 (early pod sel: ds are 1/8-1/4 inch long) and apply 6 fl. (Acre. Make one repeat application at	
occ 5-6 app the who Oti to I poc oz J	cur when disease first develops and apply fil. oz./Acre. Make one repeat olication at 14 to 21 days interval. Use highest rate and shorter spray interval en disease conditions are severe. Time applications begin at growth stage R3 (early pod selts are 1/8-1/4 inch long) and apply 6 fl.	
to l poc oz J 14	begin at growth stage R3 (early pod selted are 1/8-1/4 inch long) and apply 6 fl.	Å.
i Ro	to 21 days interval when growth stage is	
Soy who sind the	(pod fill). ybean rust: Time applications to occur en disease has been reported in the area ce preventative applications will provide best results. Use 4-6 fl. oz/Acre.	
inte spr the	ke repeat applications at 14 to 21 day ervals. Use the highest rate and shorter ay interval when disease is detected in field or if less than 2 out of every 100 attacks are infacted. Control will be less	
tha infe Use	nts are infected. Control will be less in acceptable when more plants are ected or if the disease is in mid-canopy as scouting and monitoring techniques to	
pro NO	ermine disease infestations and its ximity to your fields. TE: Some varieties may develop ikled, smaller and/or greener leaves from	
app Pro hov	olications of Source Dynamics piconazole 41.8% EC Fungicide, vever, dry bean yields are not reduced as	
Řro apr	result of the Source Dynamics piconazole 41.8% EC Fungicide dications	

SUGAR BEETS

<u>Diseases:</u> Leaf Spot (Cercospora beticola) Powdery Mildew (Erysiphe polygoni)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	Apply by air, ground or chemigation when disease first develops and make repeat applications at 10 to t4 day intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. After two consecutive Source Dynamics Propiconazole 41.8% EC Fungicide applications, or at any time that the disease levels increase, rotate immediately to another fungicide that has a different mode of action than Source Dynamics Propiconazole 41.8% EC Fungicide.	Maximum application rate per season: 12 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 21 days.

SUGARCANE

<u>Diseases:</u> Pineapple disease (Ceratocystic paradoxa)

Rate of Source		5-44-4
Dynamics Propiconazole	Directions for Application	Restrictions
41.8% EC		
Fungicide		
0.75 fl. oz./100 gafs	Use one of these methods to treat cut seed	Do not use treated seed
of water (1: t7,000)	pieces.	pieces for food or feed.
	Cold Water Dip: Place seed pieces in the	Dispose of used dip solution
	dip to thoroughly wet the pieces. Remove	according to local, state, and
	the seed pieces and allow excess dip	federal regulations.
	solution to drain.	ì
	Hot Water Dip: Heat and hold the	
	treatment solution at 125°F (52°C). Allow the seed pieces to soak for 20-30 minutes.	
	Remove the seed pieces and allow the	
	excess dip solution to drain.	
	32	

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide	Directions for Application	Restrictions
	Conveyer Belt Treatment: Use an in-line directed spray of Source Dynamics Propiconazole 4t.8% EC Fungicide/water solution to treat seed pieces. Ensure cut ends are wet with this solution.	

TURF AND ORNAMENTAL USE DIRECTIONS

GENERAL INFORMATION

Source Dynamics Propiconazole 41.8% **E**C Fungicide is a systemic fungicide for the control of a broad spectrum of diseases in turfgrass, ornamentals, landscape and nursery plantings.

PREPARATION OF SPRAY SOLUTIONS

To prepare a spray tank solution of Source Dynamics Propiconazole 41.8% EC Fungicide, follow the steps below. Do not prepare more solution than is required for a day's work. Use only equipment that has been properly cleaned before use. Refer to the sections below on Tank Mixes.

- 1. Using clean fresh water, fill the spray tank ½ 3/3 full.
- Begin agitation and then add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide. If tank mix partners are to be included, be sure the tank mix is compatible using a jar test prior to mixing. If compatible, use the following order of addition: wettable powders and water dispersible granular formulations (formation of a premix in water facilitates the mixing process), liquid flowables or suspension, Source Dynamics Propiconazole 41.8% EC Fungicide, and then other emulsifiable concentrates.
- Allow the solution to agitate for 5 minutes to completely mix the water and formulation.
- Continue agitation and fill the spray tank with the remaining water.
- 5. Agitate the solution continuously until the application operation is complete.
- 6. At the end of the day, rinse the spray tank with clean water. The pesticide rinsate may be disposed of by applying to an area which has been treated with Source Dynamics Propiconazole 41.8% EC Fungicide.

TANK MIXES

When applied as a tank mix with other registered fungicides, Source Dynamics Propiconazole 41.8% EC Fungicide provides a broader spectrum of disease control. Many other registered herbicides and insecticides are compatible for use as a tank mix with Source Dynamics Propiconazole 41.8% EC Fungicide. Do not apply unless you have verified the compatibility of Source Dynamics Propiconazole 41.8% EC Fungicide and the tank mix partner before mixing. For tank mixes that are incompatible, add Unite® (3 pts./100 gals;) to the tank mix. Follow the directions under Preparation of Spray Solutions for how to prepare tank mixes with Source Dynamics Propiconazole 41.8% EC Fungicide as a tank mixture, observe all tank mix partner label directions for use, crops and use sites, application rates, dilution ratios, precautions, and limitations. Use the labeling that has the most restrictive label precautions and limitations. Do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with any product that restricts tank mixing.

NOTE: These directions do not apply to tank mixes containing spray additives. If spray additives are added to tank mixes, check that they are compatible before use.

TURFGRASS AND DICHONDRA DISEASE CONTROL

GENERAL RECOMMENDATIONS

Source Dynamics Propiconazole 41.8% EC Fungicide should be used in a preventative disease control program and in conjunction with a turf disease management program. Before applying a fungicide, be sure that the correct disease has been identified so that the correct treatment is followed.

USE DIRECTIONS AND RATES: Source Dynamics Propiconazole 41.8% EC Fungicide must be applied in sufficient amounts of water to ensure a thorough, uniform coverage of the turfgrass. Do not apply until grass has been mowed, or apply and then allow sprays to dry completely before mowing. Refer to the table below for rates and application directions for various diseases. Optimum control is achieved with the higher specified rate and shorter spray interval if conditions for high disease pressure exist.

Foliar diseases: Do not irrigate until turfgrass has completely dried.

Soil-borne diseases: Irrigation or watering-in is allowed after application of Source Dynamics Propiconazole 41.8% EC Fungicide. Bermudagrass: To prevent injury to any of the varieties of bermudagrass, do not apply more than 1.44 fl. oz./1,000 sq. ft. Source Dynamics Propiconazole 41.8% EC Fungicide every 30 days. In FL, do not apply Source Dynamics Propiconazole 41.8% EC Fungicide to bermudagrass golf course greens if temperatures are above 90° F.

RESTRICTIONS:

- Do not apply this product through any type of irrigation system
- Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry.
- Do not apply more than 5.8 ft. oz./1,000 sq. ft. of Source Dynamics Propiconazole 41.8% EC Fungicide per calendar year.
- Do not apply more than 1.79 lb at propiconazole per Acre per application.

Turfgrass - Specific Rates, and Application Directions for Different Diseases

Rate Source Dynamics	
Propiconazole 41.8%	
EC Fungicide,	
Fl. Oz. per 1,000 Sq. Fl.	Application Directions
(Fl. Oz. per Acre)	
Dollar Spot (Scierotinia	homoeocarpa):
0.18	Apply at 7 day intervals when conditions favor development of disease.
(8.0)	Apply at 14 day intervals as a tank mix with the low label rate of either
	Daconil Weather Stik® or Daconil Ultrex® fungicides.

Turfgrass – Specific Rates, and Application Directions for Different Diseases (cont'd)

Bota Course Dunamine	
Rate Source Dynamics Propiconazole 41.8%	
EC Fungicide,	A Continue Minustinue
Fl. Oz. per 1,000 Sq. Ft.	Application Directions
(Fl. Oz. per Acre)	
0 .37	Apply at 21-28 day intervals as a tank mix with the low label rate of either
(16)	Daconil Weather Stike, Daconil Ultrexe or Chipcoe 26019 fungicides.
0 .37-0.73	Apply at 14 to 28 day intervals. If applied alone without a tank mix
(16-32)	partner, do not apply more than 3 consecutive applications at the
	0.35-0.75 fl. oz./1,000 sq. ft. rate. Then rotate to another fungicide that
	has a different mode of action.
Anthracnose (Colletotrich	um graminicola)
0.37-0.73	Apply at 14 to 28 day intervals when conditions favor development of
(16-32)	disease. Use the higher rate and shorter spray intervals for high
. ,	disease pressure. A tank mix with another registered fungicide provides
	control of a broader disease spectrum. When disease has been
	detected, use 0.75 fl. oz. of Source Dynamics Propiconazole 41,8% EC
	Fungicide per 1,000 sq. ft. with either Daconil Weather Stike, Daconil
	Ultrex® or Chipco® 26019 fungicides.
Brown Patch (Rhizoctonia	
0.37-0.73	Apply before disease is detected as a tank mix with other registered
(16-32)	fungicides in May or June at 14 to 21 day intervals. The higher rate and
	shorter spray interval should be used if weather is hot and humid.
Powdery Mildew (Erysiph	6/3/10 Me 28 (28 / 28 / 28 / 28 / 28 / 28 / 28 /
Rust (Puccinia graminis)	grammoj unu
0.37-0.73	Apply at 14 to 28 day intervals when conditions favor development of
(16-32)	disease. When the disease has been detected, use 0.75 fl. oz. of
(Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft.
Red Thread (Laetisaria fue	4032N . 19834N
Pink Patch (Limonomyces	
0.37	Apply at 14 to 21 day intervals when conditions favor development of
(32)	disease. The state of the state
	formis, Urocystis agropyn)
0.37-0.73	Make a single application in the fall after grass becomes dormant or in
(16-32)	the early spring before grass starts to grow.
Gray Leaf Spot (Pyricular)	
0.37-0.73	Apply at 14 day intervals when conditions favor development of disease.
(16-32)	Apply as a tank mix with another registered fungicide when using the 0.35
	_fl.oz/1,000 sq. ft. rate.
	35
20 30 37 3 33 33 34 34 37 34 3 37 3 3 3 3 3 3	



Turfgrass - Specific Rates, and Application Directions for Different Diseases (cont'd)

Rate Source Dynamics Propiconazole 41.8%		
EC Fungicide,		
Fl. Oz. per 1,000 Sq. Ft.	Application Directions	
(Fl. Oz. per Acre)		
Melting Out Leaf Spot (B)	polaris spp.) (Drechslera spp.)	
0.37-0.73	Apply at t4 day intervals. Leaf spot and melting will not be as severe	
(t6-63)	when Source Dynamics Propiconazole 4 t.8% EC Fungicide is applied to	
	plants that are under light to moderate disease pressure. Apply as a	
	tank mix with another registered fungicide when using the 0.35-0.75 fl.	
•	oz./1,000 sq. ft. rate or for general broad spectrum disease control using	
	the 0.35 fl. oz./1,000 sq. ft. rate.	
Summer Patch and		
Poa Patch (Magnaporthe)		
0.73	Apply starting in the spring and reapply at 14 day intervals at the 0.75 ft	
(32) OR	oz./1,000 sq. ft. rate and at 28 day intervals at the 1.5 ft. oz./1,000 sq. ft.	
t.45	rate.	
(63) Take-All Patch (Gaeuman	nominos graminis	
0.73-1.45	Source Dynamics Propiconazole 4 t.8% EC Fungicide reduces the	
(32-63)	severity of this disease when applied at 0.35-0.75 ft. oz./1,000 sq. ft. in	
(02-50)	the Spring (April and May) and in the Fall (September and October, or if nighttime temperatures are below 55°C). Other local recommendations may be considered.	
Spring Dead Spot // eg	tosphaeria korrae, Leptosphaeria narmari, Ophiosphaerella herpotricha,	
Gaeumannomyces gramini		
1.45	Apply beginning in August and make up to 3 applications at 30 day	
(63)	intervals or make a single application in September or October.	
Necrotic Ring Spot (Lepto		
1.45	Depending on local recommendations, applications may be made in the	
(63)	Fall or early Spring:	
Snowmold, Gray (Typhula		
Pink (Microdochium nivale		
0.73-1.45	Make a single application in the late fall but before snow cover. Do not	
(32-63)	apply if ground is covered with snow. Best results are seen if the 0.75	
	and 1.1° fl. oz. rate of Source Dynamics Propiconazole 41.8% EC	
<u> </u>	Fungicide is applied as a tank mix with either PCNB or chlorothalonil.	
Fusarium patch (Fusarium		
0.73-1.45	Time applications to occur in Fall or Early Spring when conditions favor	
(32-63)	development of the disease.	
表的情况。"特别的意思"	36	

Turfgrass - Specific Rates, and Application Directions for Different Diseases (cont'd)

Rate Source Dynamics Propiconazole 41.8% EC Fungicide, Fl. Oz. per 1,000 Sq. Ft. (Fl. Oz. per Acre)	Application Directions	
Yellow Patch (Rhizoctonia	a cerealis)	
1.10-1.45 (48-63)	Make a single application in Late Fall but before snow cover. Do not apply if ground is covered with snow. Apply Source Dynamics Propiconazole 41.8% EC Fungicide at the 1.1 fl. oz./1,000 sq. ft. rate as a tank mix with another registered contact fungicide.	
Zoysia patch, large patch	n of zoysia (Rhizocfonia solani)	
1.10-1.45 (4 8 -63)	Make a single application in Early Fall (mid-September to mid-October) before disease develops. Other local recommendations may be considered for the optimum timing for application.	

Dichondra - Specific Rates, and Application Directions for Different Diseases

Dichondra Rust (Puccinia	a dichondrae)	
0.73	Apply at 14 to 21 day interva	als when conditions favor development of
(32)	disease.	

Establishment of Cool Season Turfgrass

In addition to use of Source Dynamics Propiconazole 41.8% EC Fungicide to control turfgrass diseases, Source Dynamics Propiconazole 41.8% EC Fungicide will aid in the establishment of new turfgrass when applied to cool season grass seedlings or sod.

New Seedlings: Source Dynamics Propiconazole 41.8% EC Fungicide applied at a rate of 0.35 fl. oz./1,000 sq. ft. to new turf at the 2 to 3 leaf stage will help root development and top growth.

Sod: Source Dynamics Propiconazole 41.8% EC Fungicide applied at a rate of 0.35 fl. oz./1,000 sq. ft. to sod 2-6 weeks before cutting will increase sod knitting and aid in faster establishment after laying.

NURSERIES (FIELD) AND LANDSCAPE PLANTINGS

GENERAL RECOMMENDATIONS

Source Dynamics Propiconazole 41.8% EC Fungicide should be used in a preventative disease control program and in conjunction with a disease management program. Before irrigating plants by overhead irrigation, allow the sprays on foliage to dry.

For the genera and species of plants listed in the lables below, acceptable tolerance to Source Dynamics Propiconazole 41.8% EC Fungicide has been observed. However, other plant species may not be as tolerant to Source Dynamics Propiconazole 41.8% EC Fungicide. Diseases not listed on this label may not be controlled with Source Dynamics Propiconazole 41.8% EC Fungicide. To treat other species of plants or diseases not listed on this label, test the recommended rate of Source Dynamics Propiconazole 41.8% EC Fungicide on a small number of plants. If the tested plants show no signs of phytotoxicity and disease is controlled, Source Dynamics Propiconazole 41.8% EC Fungicide may be used on a large number of plants.

USE RATES: The recommended use rates for control of diseases of ornamental plant species is 0.75-8.7 fl. oz. Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water. The use directions in the **Tables of Application Directions for Ornamentals Based** on **Rates and Specific Diseases** are based upon the recommended use rates. Select the ornamental and disease to be treated in one of the five tables and follow the rate and directions for use in that table.

Outdoor Uses: The maximum amount of Source Dynamics Propiconazole that can be applied per crop per year is 2.0 gallons of 41.8% EC Fungicide per Acre.

Landscapes: General diseases are controlled with 2.2-3.0 fl. oz. in 100 gals, water. Optimum control is achieved when applied prior to development of disease and reapply at 21 day intervals.

RESTRICTIONS:

- Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide to African Violets, begonias, Boston fern, or geraniums.
- Do not apply this product through any type of irrigation system.
- Do not use Source Dynamics Propiconazole 41.8% EC Fungicide in greenhouses or as a tree injection.
- Do not apply more than 5.8 ff. oz./1,000 sq. ft. of Source Dynamics Propiconazole 41.8% EC Fungicide per calendar year.
- Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide as a free injection or in greenhouses.

Tables of Application Directions for Ornamentals Based on Rates and Specific Diseases

Diseas e	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Flower Blight Monilinia spp.		Cherry Nectarine Peach Plum	Rate: 0.75-1.5 fl. oz. of Source Dynamics Propiconazole 41.8% El Fungicide in 100 gals. of wate applied to thoroughly cover foliag to point of drip.
			Timing: Every 14 to 21 day during peak disease outbreak.

Tables of Application Directions for Ornamentals Based on Rates and Specific Diseases (cont'd)

Disease Woody Fru. Ornamental L F		ا المصم معناه المالية			
Leaf Blights/Spots Coccomyces hiemalis		Cherry	Tank-Mix: When disease is present, apply with another registered contact fungicide:		
Discula spp. (Anthracnose)	Dogwood		Flower blight: Make first application at 5-10% bloom and second application at 70-100% bloom.		
Venturia inaequalis (S cab)	Crabapple	Apple	Dogwoods: Apply every 14 days at the normal rate. Alternatively, apply 3 ft. ez. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gal, of water every 28 days.		
Rust Gymnosporangium juniperi-virginianae	Crabapple Hawthom	Apple Bartlett Pear	Note: To avoid possible illegal residues, do not apply to apple, Bartlett pear, cherry, nectarine, peach, or plum trees that will bear harvestable fruit within 12 months.		

	aceous mental Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Conifer Blights Phomopsis juniperovora	Juniper		Rate: 1.8-3.0 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. o
(Phomopsis Blight)			water applied to thoroughly cover foliage to point of drip.
Sphaeropsis sapinea (Diplodia Tip Blight)	Pines		Timing: When conditions favor development of disease, and then as needed.

91

water (cont'd) Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Direction
Ftower Blight Ovulinia spp.		Azalea Rhododendron		Tank-Mix: When disease is present, app with another registered contact fungicide.
Leaf Blights/Spots Alternaria spp.	Gomphrena Marigold Impatiens English Ivy			Blackspot: Apply as tank-mix with another registered contact fungicide labeled for blackspot.
Collectrichum spp.		Camellia Sycamore Euonymus Linden Magnolia Maple Rhaphiolepsis Tulip Tree		Calendula: Make applications every 30 days: Diplodia tlp blight: Apply up to 3 applications and reapplications and reapplicat 14 days intervals beginning just after disease is detected.
Diplocarpon rosae (Blackspot) Fabraea maculata (syn. Entomosporium maculata)		Roses (Outdoor Use Only) Cotoneaster Red Tip Photinia Rhaphiolepsis		Juniper phomopsis blight: Begin applications when junipers start to grow and reapply at 14 to 21 day intervals during periods of active growth
Heterosporium echinulatum	Sweet William (Dianthus barbatus)			
Spilocaea pyracanthae Rhizoctonia web		Pyracantha Holly		

Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Powdery Mildew Erysiphe spp.	Calendula Delphinium Impatiens	Crape Myrtle Tulip Tree		
Oidium spp.	Monarda Phlox Zinnia	Ash Elm Lilac Crabapple Dogwood Euonymus	Bartlett Pear	Note: To avoid possible illegal residues, do not apply to apple or Bartlett pear trees that will bear harveslable fruit within 12 months.
Podosphaera spp.		Amela nc hier	Apple	
Sphaerotheca pannosa		Roses (Ouldoor Use Only)	Pecan	
Phyllactinia spp.		Maple	*1a	
Rust Phragmidium spp.		Roses (Outdoor Use Only)		
Puccinia spp.	Iris Snapdragon			
Uromyces di a nthi	Carnation	S. S		

Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Flower Blight Ascochyta chrysanthemi (Ray Blight)	Chrysanthemum			Rate: 3-4.5 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water applied to thoroughly cover foliage to point of drip.
Leaf Blights/Spots Cercospora spp. (Brown Leaf Spot)	Impatiens	Sweetgum Linden	Pecan	Timing: Every 30 days when conditions favor development of disease.
Cladosporium spp. (Scab)		Sweetgum Crabapple	Pecan	Pecans: Use 12 fl. oz /100 gals. of water and apply at bud break and make up to 3 applications at 14 day intervals.
Cristulariella spp. (Zonate leaf spot)			Pecan	Walnuts: Use the 3 fl. oz. rate at 14 to 21 day intervals.
Gnomonia leptosyla (Anthra cno se)			Walnut	Ray blight: Use the 4.5 fl. oz. rate and apply at 7 day intervals. Alternatively, use a rate of 7.5 fl. oz. and apply at 14 day
Mycosphaerella caryigena (Downy Spot)			Pecan	intervals. Impatiens, bayberry, Iinden, magnolia, sweetgum, and wax myrtte: Use no more than 8 fl. oz./100 gals. water.

Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Septoria spp. (Leaf Scorch)		Bayberry Wax Myrtle Sweetgum Rhododendron	Pecan	Note: To avoid possible illega residues, do not apply to walnut trees that will bear harvestable fruit within 12 months.
Powdery Mildew Microsphaeara spp.		Azalea Linden Magnolia		

Rate: 6 fl. oz. of Source Disease	Woody Ornamental	Application Directions
Conifer Blights Sirrococcus strobolinus (Tip Blight)	Pines	Rate: 6 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals of water applied to thoroughly cover foliage to point of drip.
Leaf Blights/Spots Tubakia dryina	Oak s	Timing: Every 14 to 28 days when conditions favor development of disease.
Rust Melampsora occidentalis	Douglas Fir Poplars	Douglas fir needle rust: Make one application in May.
Pucciniastrum goeppertianum	Shasta Fir	Tip blight: Make first application in mid-late winter, and then make up to 3 applications at 60 day intervals.



Disease	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Leaf Blights/Spots Mycosphaerella fructicola (Greasy Spot)	Citrus	Rate: 7.5-8.7 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water applied to thoroughly cover foliage to point of drip. Timing: Apply June through August; Note: To avoid possible illegat residues, do not apply to citrus trees that will bear harvestable fruit within 12 months

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in a secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers.

PESTICIDE DISPOSAL: Pesticide wastes may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control agency or the Hazardou's Waste representative at the nearest EPA Regional Office for guidance.

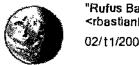
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/2 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

WARRANTY STATEMENT: IMPORTANT NOTICE - Seller warrants that this product conforms to the chemical description and is reasonably fit for purposes stated on the label when used in accordance with the directions and instructions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Chipco® is a registered trademark of Bayer AG.
Topsin® is a registered trademark of Cerexagn, Inc.
Syllit® is a registered trademark of Chimac-Agriphar S.A.
Unite® is a registered trademark of Loveland Products, Inc.
Daconil Ultrex®, Daconil WeatherStik®, Quadris® and Subdue MAXX® are registered trademarks of a syngenta Group Company.



"Rufus Bastian" <rbastianllc@cox.net> 02/t1/2009 10:55 AM

To Robert Westin/DC/USEPA/US@EPA

CC

bcc

Subject Re: Source Dynamics Propiconazole 41.8% EC Fungicide EPA File Symbol 82542-EN

Thank you for calling this to our attention Robert. I will have our registration consultant prepare the pdf format and send it to you tomorrow.

Best regards,

Rufus Bastian Source Dynamics, LLC 480-502-9289

---- Original Message -----

From: Westin.Robert@epamail.epa.gov

To: Bastian, Rufus

Sent: Wednesday, February 11, 2009 9:39 AM

Subject: Source Dynamics Propiconazole 41.8% EC Fungicide EPA File Symbol 82542-EN

Hi Rufus: The label that you submitted with this application for registration is missing page 24 in all

copies. Please email me the complete label in .pdf format.

Robert Westin

phone: 703-305-5721 FAX: 703-305-6920

email: westin.robert@epa.gov

REGNR	CONAME	TREASDEPNR	FMDAMOUN	T DNUMBER
082542	TERRY STOJIC	99DC90244	00001365	24V63UVD
082542	TERRY STOJIC	99DC90244	00001365	24V63VJ0
082542	TERRY STOJIC	99DC90244	00001365	24V63VSF
082542	TERRY STOJIC	99DC90244	00001365	24V640B1
082542	TERRY STOJIC	99DC90244	00001365	24V640IG V
082542	TERRY STOJIC	99DC90244	00001365	24V6404K

To the Document Center (ITRMD)
*Please transfer jacket /mini-jacket to Product
Manager Team circled below:

Minor Use Section PM-5

Insecticide Branch PM-10 PM-13

Herbicide Branch PM-23 PM-25

Fungicide Branch PM-21 PM-22

Insect /Rodent Br. PM-1 PM-7

*Reminder to PM – If applicable pick-up data from Screening Room.

Processed by RD's Completeness Check Team

(Team Member Signature) (Date)

PRIA 2 - 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only) 4/9/08

21 E	Day Screen Start Date: //2/09	8/09	-	<u>.</u>						
Expe	erts In-Processing Signature: Mary Waller	Fee Pai	d: Yes	<u>`</u>						
Divi	sion management contacted on issues No Yes	Date			···-					
EPA	EPA Reg. Number: \$2542-EN EPA Receipt Date: 1/2/09									
	Items for Review			Yes	No	N/A*				
1	Application Form (EPA Form 8570-1) signed & complete including type	ding pa	ckage	V	 [-	-				
2	Confidential Statement of Formula all boxes completed, form stated (EPA Form 8570-4) Repark	-	and	p.		I				
4	a) All inerts, except fragrances, approved for food and non food proposed uses (see Footnote A) Report / Not	Yes	No	7						
3	Certification with Respect to Citation of Data (EPA Form 857 completed and signed (N/A if 100% repack)		<u></u>	Γ-	E .					
	Certificate and data matrix consistent			ŗ	<u></u>	TZ.				
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	Yes	No							
	If applicable, is there a letter of Authorization for exclusive use on	ıly.		Γ	ŗ					
4	Formulator's Exemption Statement (EPA Form 8570-27) comp signed (N/A if source is unregistered or applicant owns the technic		nd			Γ,				
	Data Matrix (EPA Form 8570-35) both internal and external co- completed and signed (N/A if 100% repack)	pi e s (Pf	₹ 98-5)	,		[2				
5	a) Selective Method (Fee category experts use)	Yes	No							
ļ	b) Cite-All (Fee category experts use)	<u> </u>	<u> </u>	T.	i Grant B					
	c) Applicant owns all data (Fee category experts use)	С	<u></u>		ų i					
6	5 Copies of Label (Electronic labels on CD are encouraged)	<u></u>			r					
7	Is the data package consistent with PR Notice 86-5			Г	Г	[L				
8	Notice of Filing (link to included with petitions			<u></u>	Ľ	T_				

9	If applicable for conventional applications, reduced risk rationale	<u></u>	Ľ.	Ĺ,
	Required Data and/or data waivers. See Footnote C.		Γ	<u></u>
	a) List study (or studies) not included with application			
10				
			,	
i				
	eents: Date Start: Date End:			
Comments: Date Start: Date End:				

			· · · · · · · · · · · · · · · · · · ·	

^{*} N/A - Not Applicable

Footnotes

A. This consideration does not apply to PRIA applications that include a request to approve an inert in the fee category. For these PRIA actions, information needs to be submitted to enable the Agency to review the inert approval request and will be a subject of the 21 day content screen. For other types of actions and for fragrances, the answer is only for the Agency's information and current policies, processes, and procedures should be consulted. This worksheet will be updated in the future to be consistent with current policies.

If brand, trade, or proprietary names are being used for some inert ingredients listed on the CSF, alternate names or additional information on the nature of the ingredient(s) should be provided to allow the Agency to determine whether the inert has been approved.

- B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.
- C. Refer to the list of data requirements. Biopesticide applicants were advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.



UNITÉD STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

January 6, 2009

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

OPP Decision Number: D-404486

EPA File Symbol or Registration Number: 82542-EN

Product Name: PROPICONAZOLE 41.8% EC FUNGICIDE

EPA Receipt Date: 02-Jan-2009 EPA Company Number: 82542

Company Name: SOURCE DYNAMICS, LLC

RUFUS BASTIAN SOURCE DYNAMICS, LLC 10039 E. TROON NORTH DRIVE SCOTTSDALE, AZ 85262-

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application and certification of payment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R300

NEW PRODUCT; ME-TOO PRODUCT FAST TRACK;

No additional payment is due at this time.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 305-6249.

Sincerely,

Front End Processing Staff

Information Zechnology & Resources Management Division

Fee for Service



This package includes the following	for Division								
New Registration	○ AD								
○ Amendment	○ BPPD ○ RD								
□ Studies? □ Fee Waiver?	Risk Mgr. 21								
□ volpay % Reduction:									
Receipt No. S-[842489								
EPA File Symbol/Reg. No.	82542-EN								
Pin-Punch Date:	1/2/2009								
This item is NOT subject to FFS action.									
Action Code:	Parent/Child Decisions:								
Requested: 1300									
Granted: (P301)									
Amount Due: \$ 1365									
Inert Cleared for Intended Use Uncleared Inert in Product Reviewer: Date: 1/6/07									
Remarks:	/ /								

100% report

ISB'S Front-end PRIA Completeness Screen Draft 3; 10/25/07

r	· · · · · · · · · · · · · · · · · · ·			E	Ν,					
	EPA Receipt Date: JAN 0.2 2009 EPA Reg. Number: 82542 - AN									
1		Check List Item	Yes	No	N/A					
	1	Has the PRIA Fee been Paid; is a copy of the check or Pay.gov receipt included in the Submission Package?		Х						
		Is an Application Form (EPA Form 8570-1) Included in the Submission Package, is it completely filled out and signed including package type?	X							
	3	Is a Confidential Statement of Formula (EPA Form 8570-29) included in the Submission Package, is it completely filled out and signed (boxes 1-21)?	X							
	4	Is a Formulator's Exemption Statement (EPA Form 8570-27) Included in the Submission Package?	X							
	5	Is a Certification with Respect to Citation of Data (EPA Porm 8570-34) Included in the Submission Package?		X						
	6	Is a Data Matrix (EPA Form 8570-35) Included in the Submission Package?		X						
	7	Is a Label Included in the Submission Package?	X							
	8	Are Data Included in the Submission Package?		X						
	9	Is the Submission an Amendment?		X						

Product ingredient source information may be entitled to confidential treatment **Print Form** Form Appro OMB No. 2070-0060 Please read instructions on reverse before pleting form. OPP Idontifier Numbor Registration United States Environmental Protection Agency Amendment Washington, DC 20460 Other Application for Pesticide - Section I 2. EPA Product Manager 1. Company/Product Number 3. Proposed Classification 82542-x Mary Waller None Restricted 4, Company/Product (Name) PM# Propiconazole 41.8% EC Funcicide 5. Name and Address of Applicant Include ZIP Code! Expedited Review. In accordance with F!FRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale, AZ 85262 EPA Reg. No. Check if this is a new address **Product Name** Section - II Amandment - Explain below. Final printed labels in response to Agency letter dated "Me Too" Application. Resubmission in response to Agency letter deted Notification - Explain below. Other - Explain below. Explanation: Uze additional pogetal if necessary. (For section I and Section II.) Registration application for a new end-use product. This is a 100% repack of a registered end-use product. Section - III 1. Matarial This Product Will Be Packaged In: Unit Packaging Water Soluble Packaging Child-Resistant Packaging Type of Container Metal Yes Pisetic No No No Glasa Paper Il "Yes" No. per No. par Certification must Unit Packaging wgt. container Packago wat Other (Specify) be submitted 3. Location of Net Contents Information 4. Size(s) Rotail Container Location of Label Directions On Label 1 quart Conteiner On Labeling accompanying product 6. Manner in Which Label is Affixed to Product Lithograph X Other Papor glued Stancifed Section - IV 1. Contact Point | Complete items directly below for identification of individual to be contacted, if necessary, to process this application. Title Neme Telephone No. (Include Aree Code) President Rufus Bastian 430-502-9289 6. Lete Application Certification Received I cortify that the statements I have made on this form and all attachments thereto are true, accurate and complists. I acknowledge that any knowingly false or misleading stotement may be punishable by fine or imprisonment of (Stamped) both under applicable law. 3 > > 3 3. Titla 2. Signature w Basta President



December 24, 2008

Document Processing Desk (APPL) Office of Pesticide Programs (P7504P) Environmental Protection Agency Room S-4900, One Potomac Yard (South Building) 2777 S. Crystal Drive Arlington, VA 22202

Attn: Mary Waller (PM 21)

Dear Ms. Waller:

Subject: Propiconazole 41.8% EC Fungicide: Registration Application

Source Dynamics LLC wishes to apply for the registration of a new end-use product, Propiconazole 41.8% EC Fungicide. This is a 100% repack of a registered product. In support of this application we have enclosed the following:

Application for Pesticide Registration (8570-1) Confidential Statement of Formula (8570-4) Formulators Exemption Statement (8570-27) Proposed label (6 copies)

We have concluded that this regulatory action falls in PRIA II Category R300, for which a fee of \$1365 is required. Documentation of payment is provided.

Thank you for your consideration of this project. Please contact me if you have any questions.

Sincerely,

Rufus Bastian, President Source Dynamics LLC

Rufus Baska

rbastianllc@cox.net

Form approved. OMB No. 2070-0060, 2070-0

2070-0107, 2070-0122, 2070-0164.



United States
Environmental Protection Agency
Washington, DC 20460

Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address
Source Dynamics LLC
10039 E. Troon North Drive

Scottsdale, AZ 85262

EPA File Symbol/Registration Number

82542-x

Product Name

Propiconazole 41.8% EC Fungicide

Date of Confidential Statement of Formula (EPA Form 8570-4)

12/24/2008

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(t) This product contains the toltowing active ingredient(s):

propiconazole

- (2) Of these, each active ingredient listed in paragraph (4) is present sotely as the result of the use of that active ingredient in the manufacturing, tormulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another person and meets the requirements of 40 CFR section 158.50(e)(2) or (3).
- (3) Indicate by checking (A) or (B) below which paragraph applies:
- (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement.

 That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) tisled in paragraph (t).

OR

- (8) The Confidential Statement of Formula (CSF)(EPA Form 8570-4) referenced above and on file with the EPA is complete, current, an accurate and contains the information required on the current CSF.
- (4) The totlowing active ingredients in this product qualify for the formulator's exemption.

Active Ingredient Product Name Registration Number propiconazole

Signature Name and Title Rufus Bastian, President 12/24/2008

EPA Form 8570-27 (Rev. 06-2004)

Copy t – EPA Copy 2 - Applicant copy Source Dynamics draft 11/15/08

PROPICONAZOLE 41.8% EC FUNGICIDE

A broad spectrum fungicide for control of labeled plant diseases

ACTIVE INGREDIENT

Propiconazole:

TOTAL 100.0%

Contains 3.6 lb of propiconazole active ingredient per gallon.

EPA Reg. No. 82542-

EPA Est. No.

Net Contents:

WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do noi understand the label, find someone to explain it to you in detail)

FIRST AID

IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue finsing eye.
	Call a poison control center or doctor for treatment advice.
IF ON SKIN OR	Take off contaminated clothing.
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison controt center or doctor for treatment advice.
IF SWALLOWED:	Immediately call a poison control center or doctor for treatment advice.
	Have person sip a glass of water if able to swallow.
	Do not induce vomitting unless told to do so by a poison control center or doctor.
	Do not give anything by mouth to an unconscious person.
IF (NHALED:	Move person to fresh air.
	If person is not breathing, call 9 tt or an ambulance, then give artificial respiration, preferably by
	mouth-to mouth if possible.
	Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact t-800-424-9300 for emergency medical treatment information.

Manufactured for:

Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262 * > > * .

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Oo not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below, if you want more options, follow the instructions for category G on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- . t.ong-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or Vilon
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE, if no such Instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. On not reuse them.

Engineering Control Statements

Pitots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40CFR 160.240(d)(4-6)).

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and shrimp. Oo not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. On not use, pour, spill, or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on tarms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides, it contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this tabel about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area it there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Long-sleeved shirt and long pants
- · Chemical-resistant gloves such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear

GENERAL INFORMATION

Source Dynamics Propiconazole 41.8% EC Fungicide contains the active ingredient, propiconazole, which provides control of a broad range of plant diseases in the listed crops, turf and ornamentals.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

GENERAL USE PRECAUTIONS

Rotation Crop Restrictions

To prevent possible illegal residues in crops grown in fields previously treated with Source Dynamics Propiconazole 41.8% EC Fungicide, follow the plant back restrictions in the following table.

Manual Ologoto Marka	Refore Replanting After the Last Sou 41.8% EC Fungicide Application	
ANYTIME	75 Days	105 Days
Crops listed on this label	Alfalfa (the total amount of propiconazole must not exceed 0.22 lb Al/Acre in the previous year)	Other crops grown for food, grazing or animal feeds.

INTEGRATED PEST MANAGEMENT

It is strongly advised that Source Dynamics Propiconazole 41.8% EC Fungicide be used in a sound integrated pest management (IPM) program. Follow all cultural practices that aid in reducing disease development. Additional IPM strategies specific to your area is available from your state cooperative extension service, professional consultants or other qualified authorities. Source Dynamics Propiconazole 41.8% EC Fungicide may be used in State Agricultural Extension advisory programs. These disease forecasting programs recommend timings for fungicide applications which are dependent on environmental factors which favor disease development.

RESISTANCE MANAGEMENT

There are inherent risks of diseases developing tolerance to any fungicide product; therefore it is strongly advised that Source Dynamics Propiconazole 41.8% EC Fungicide be used in a sound resistance management program. Source Dynamics Propiconazole 41.8% EC Fungicide belongs to the Group 3 class of fungicides which means that propiconazole acts as a demethylation Inhibitor of sterol biosynthesis in the membranes of fungl. Resistance can develop whenever products with the same mode of action are used over and over in the same fields or crops. Follow the directions on this label for rotation of Source Dynamics Propiconazole 41.8% EC Fungicide with fungicides which are not in the Group 3 class and limitalions on the number of applications per season of Source Dynamics Propiconazole 41.8% EC Fungicide. Additional resistance management strategies may be obtained from your local or State agricultural authorities. Avoid alternating the use of or tank-mixing Source Dynamics Propiconazole 41.8% EC Fungicide with other fungicides with known resistance to fungal diseases listed on this labet.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater Ihan 15 mph.

Droplet Size

Apply as a medium or coarser spray (ASAE Standard 572).

Temperature inversions

It applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of propiconazole. Where states have more stringent regulations, they must be observed.

<u>Equipment</u>

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- 1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirements for groundboom applications:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

SPRAY EQUIPMENT

For optimum disease control, use sufficient volumes of water to ensure a thorough, uniform coverage of foliage.

Avoid spray drift. Do not apply under conditions that might allow sprays to drift from the target area. Do not overlap sprays or crop injury may occur. Because air btast sprayers force spray droptets into the crop canopy using a torced air stream, the tan must be adjusted to deliver only enough air volume to penetrate the canopy and provide good coverage. Direct sprays to the target areas by adjusting

Use only the same size nozzles that are spaced unitormty across the boom in order to provide accurate and unitorm application. Calibrate all sprayer equipment prior to use. Ensure spray pressure at nozzles is 35-40 psi. Keep spray solution constantly agitated (re-circulate 10% of tank volume per minute using a jet agitator or tiquid sparge tube. Do not air sparge).

To prevent clogging of nozzles, use a 16-mesh or coarser screens (suction side of pump), a 50-mesh or coarser screen (between the pump and boom), and when required, a screen at the nozzles. Consult the nozzle manufacturer's recommendations.

Refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc. For specific local directions and spray schedules, consult state cooperative extension service, professional consultants or other qualified authorities.

PREPARATION OF SPRAY SOLUTIONS

To prepare a spray tank solution of Source Dynamics Propiconazole 41.8% EC Fungicide, follow the steps below. Do not prepare more solution than is required for a day's work. Use only equipment that has been properly cleaned before use. Refer to the sections below on Tank Mixes.

- Using clean fresh water, fill the spray tank ½ ¾ full.
- Begin agitation and then add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide. If tank mix partners are to be included, be sure that all partner products are compatible as a tank mix with Source Dynamics Propiconazole 41.8% EC Fungicide (refer to the Compatibility Test, below). Once compatibility has been determined, use the following order of addition: wettable powders and water dispersible granular formulations, liquid flowables, Source Dynamics Propiconazole 41.8% EC Fungicide, and then emulsifiable concentrates.
- 3. Allow the solution to agitate for 5 minutes to completely mix the water and formulation.
- 4. Continue agitation and fill the spray tank with the remaining water.
- 5. Agitate the solution continuously until the application operation is complete.
- At the end of the day, rinse the spray tank with clean water. The pesticide rinsate may be disposed of by applying to an area which has been treated with Source Dynamics Propiconazole 41.8% EC Fungicide.

Tank Mixes

Source Dynamics Propiconazole 41.8% EC Fungicide may also be applied with other fungicides, insecticides or herbicides. Before mixing or applying any of these tank mixtures, carry out a Compatibility Test (see below). It the tank mix partner is considered to be compatible with Source Dynamics Propiconazole 41.8% EC Fungicide, prepare tank mixtures as recommended above and follow the proper order of addition to the spray tank.

When applying Source Dynamics Propiconazole 41.8% EC Fungicide as a tank mixture, observe all tank mix partner label directions for use, crops and use sites, application rates, dilution ratios, precautions, and limitations. Use the labelling that has the most restrictive tabel precautions and limitations. Do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with any product that restricts tank mixing.

To avoid crop injury, do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with Syllite.

Compatibitity Test

Before adding Source Dynamics Propiconazote 41.8% EC Fungicide or other products to a spray tank, carry out a compatibility test. Use a quart-jar with a lid and add proportionate amounts of each ingredient with 1 quart of water to the jar. Use the following order for addition: wettable powders and water dispersible granular formulations, liquid flowables, and then emulsifiable concentrates. Cap the jar and shake for 5

minutes. Let the mixture sit for 5 minutes. If the mixture forms a precipitate that cannot be re-dispersed or mixes poorly, then the mixture should not be used. If the mixture stays mixed or remixes readily after standing, the mixture is physically compatible.

Source Dynamics Propiconazote 41.8% EC Fungicide Label Rafes in F1. Oz./Acre and Equivalents in the air Acre and Number of Acres Treated by 1.691:

in ib a.i./Acre and Number of Acres Treated by 1 Gal,:		
FI. Oz. of Source Dynamics Propiconazole 41.8% EC Funglcide/Acre (lb a.i./Acre)	Number of Acres that can be treated with f gation Source Dynamics Propiconazote 41.8% EC Fungicide	
2 (0.056)	64	
4 (0.1f25)	32	
6 (0.169)	21.3	
8 (0.225)	f6	
10 (0.28)	f2.8	
12 (0.34)	10.7	
16 (0.45)	8	
20 (0.56)	6.4	
24 (0.67)	5.3	
30 (0.84)	4.3	
32 (0.90)	4	

APPLICATION INSTRUCTIONS

Use sufficient volumes of water to ensure a fhorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.

Do not apply when conditions prevent a uniform coverage of crop canopy or if spray drift may occur.

Ground Application: Apply Source Dynamics Propiconazole 41.8% EC Fungicide to tree crops in a minimum of 50 gals, of water per acre and to other crops in a minimum of 10 gals, of water per acre, unless specified otherwise in this tabet.

Aerial Applications: Apply Source Dynamics Propleonazote 41.8% EC Fungicide to tree crops in a minimum of 10 gals, of water per acre and to other crops in a minimum of 2 gals, of water per acre, unless specified otherwise in this label.

Apptication Through trigation Systems (Chemigation) – Use chemigation to apply Source Dynamics Propiconazole 41.8% EC Fungicide to only the crops for which chemigation is specified on this labet. Apply in no more than 0.1 – 0.25 inches of water or reduced efficacy may result.

Source Dynamics Propiconazole 41.8% EC Fungicide, alone or in combination with other pesticides which are registered for application through imigation systems may be applied through imigation systems. Apply this product only through center pivot, solid set, hand move, or moving wheel imigation systems. Do not apply this product through any other type of imigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. It you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Notes: Do not inject Source Dynamics Propiconazole 41.8% EC Fungicide at full strength or deterioration of valves and seals may occur. Use a dilution ratio of at teast 10 parts water to 1 part Source Dynamics Propiconazole 41.8% EC Fungicide. Source Dynamics Propiconazole 41.8% EC Fungicide is corrosive to many seal materials. Leather seals are best. EPDM or silicon rubber seals can be used, but should be replaced once a year. Do not use Viton, Buna-N, Neoprene, or PVC seals.

Operating instructions

- The system must contain a functional check-ualve, vacuum relief value, and low pressure
 drain appropriately located on the irrigation pipeline to prevent water-source contamination
 from backflow.
- The pesticide injection pipeline must also contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake aide of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the imigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pessions distribution is adversely affected.

- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended.

Center Pivot tragation Equipment

Notes: (f) Use only drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Source Dynamics Propionazole 41.8% EC Fungicide through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply %-½ inch of water over the area to be treated when the
 system and injection equipment are operated at normal pressures as recommended by the
 equipment manufacturer. When applying Source Dynamics Propiconazole 41.8% EC
 Fungicide through irrigation equipment, use the lowest obtainable water volume white
 maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated
 capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Source Dynamics Propionazole 41.8% EC Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of Source Dynamics Propioonazole 41.8% EC Fungicide and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Source Dynamics Propiconazote 41.8% EC Fungicide sotution. Time the injection to tast at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Source Dynamics Propiconazole 41.8% EC Fungicide solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheet Irrigation Equipment

- · Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Source Dynamics Propiocnazole 41.8% EC Fungicide through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Source Dynamics Propiconazole 41.8% EC Fungicide required to treat the area covered by the imigation system.
- Add the required amount of Source Dynamics Propiconazole 41.8% EC Fungicide into the same quantity of water used to calibrate the injection period.

- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Source Dynamics Propiconazole 41.8% EC Fungicide solution has cleared the last sprinkler head.

CROP USE DIRECTIONS		
	BANANAS AND PLANTAINS	
seases: ock Sigaloka (M)	rcosphaerella fijten sis)	
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
3	Time applications of Source Dynamics Propiconazole 41.8% EC Fungicide to start at the beginning of the rainy season but before disease develops. Mix 3 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide/A in 10-20 gations of water/Acre. Make 2 consecutive applications at 21 to 25 day intervals followed by two consecutive applications of a registered fungicide that has a different mode of action than Source Dynamics Propiconazole 41.8% EC Fungicide. Up to 8 applications of Source Dynamics Propiconazole 41.8% EC Fungicide are permitted, although it is highly recommended to avoid use of triazole fungicides for two consecutive months during the time when disease pressure is at its lowest. How to prepare an Oit-In-Water Emulsion: Add the ingredients to the spray tank in the order tisted. 1. Crop oil 2. Emulsifier (0.6 fl. oz./gal. of oil) and Source Dynamics Propiconazole 41.8% EC Fungicide. Agitate	Maximum application rate per season: 24 fl. oz./Acre per season: 24 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide including pre-harvest sprays (equivalent to a total of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide within 100 yards of non-bagged bananas. Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide on bananas or plantains if the fruit are not covered with polyethylene bags. Do not feed whole bananas and plantains to animals.

to

Rate of Source Dynamics Propiconazole 4 t.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
3	Water. Agitate the mixture for at least 15 minutes and maintain agitation during spraying operations. How to prepare an Oil Atone Mixture: Add the ingredients to the spray tank in the order tisted.	
	Crop oil. Source Dynamics Propiconazole 41.8% EC Fungicide. Agitate the mixture for at least 5 minutes and mainlain agitation during spraying operations.	

	PINEAPPLE - HI ONLY		_
Diseases:		 	
Butt rof (Cerafocysitis paradoxa)			
		 	_

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide	Directions for Application	Restrictions
0:75 fl. oz/100 gals of water (1:17,000)	Use either a cold water or a hot water dip treatment. Cold Water Dip: Place crowns in the dip to thoroughly well the crowns. Remove the crowns and allow excess dip solution to drain. Hot Water Dip: Heat and hold the treatment solution at 125°F (52°C). Allow the crowns to soak for 20-30 minutes. Remove the crowns and allow the excess dip solution to drain.	For use in HI only. Do not use treated crowns for food or feed. Do not graze while plant is growing. Do not graze tops until fruit is harvested. Dispose of used dip solution according to local, slate, and federal regulations.

BERRY CROPS

Berry Crops include the following Bushberries and Caneberries and cultivars and/or hybrids of these berry crops: Bingleberry, Blackberry, Blueberry, Boysenberry, Curranis, Dewberry, Eiderberry, Gooseberry, Huckieberry, Juneberry, Lingonberry, Loganberry, Lowberry, Marionberry, Olallieberry, Raspberry (Red and Black), Salai, Youngberry.

<u>Diseases:</u>
<u>Mummyberry Disease (Monitinia vaccinicorymbosi)</u>
<u>Leaf Spof (Septoria spp.)</u>
Stem Canker (Septoria albopuncatala)

Leaf and Cane Spot (Septoria rubi) Powdery Mildew (Microsphaera vaccinii) Rusi (Pucciniastrum vaccinii)

Rate of Source Dynamics	Directions for Application	Restrictions
Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre		
6	Apply Source Dynamics Propiconazole 4f.8% EC Fungicide by air (minimum of 15 gal./Acre), or by ground application (minimum of 5 gal./Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Mummyberry disease: Apply at green tip and reapply at 7 to 10 day intervals. If conditions exist for development of diseases, also apply at pink bud and reapply every 7 to 10 days through petal fall. Leaf Spot, Stem Canker and Rust: Apply if conditions exist for development of diseases and reapply every 28 days. Leaf and Cane Spot: Time application to occur in the spring as a delayed dormant spray and reapply in late spring, at bud break, and after flowering has started. Powdery Mildew: Apply at 5-10% bloom, af full bloom, and every 14 days if conditions exist for development of diseases. Leaf Spot: Begin applications before bloom and	Maximum application rate per season: 30 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.84 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 30 days.

CRANBERRIES - OR, WA AND WI ONLY

Diseases:

Cottonball (Monilinia oxycocci)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi, Oz. per Acre	Directions for Application	Restrictions
4-6	Apply by air or by ground (minimum 20 gal/A) at leaf bud break and reapply 14 days later. A third application may be made at early bloom and again 14 days later. For severe disease pressure, use the higher rate. Use sufficient volumes of water to ensure a thorough, uniform coverage of folitage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on folitage before a rainfall event.	For use only in OR, WA and WI. Maximum application rate per season: 24 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a tolal of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest interval (PHI): 45 days.

NON-BEARING CITRUS

Non-bearing Citrus includes the following crops and cultivars and/or hybrids of these crops: Calamondin, Citrus hybrids (chironja, tangelo, tangelo, tangelo, Kumquat, Lemon, Lime, Mandarin (langenne), Orange (sour and sweet), Pummelo, Satsuma Mandarin.

<u>Diseases:</u> Greasy Spot (Mycosphaerella citri)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi. Oz. per Acre	Directions for Application	Restrictions
6-8	Apply by air or by ground (minimum 15 gal/A) in June and reapply at 30 day intervals through August. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungickle residues to dry on foliage before a rainfall event.	Maximum application rate per season: 24 fl. oz/Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.67 lb. a.i./Acre per season of any product that contains propiconazole). Do not apply if citrus trees will bear harvestable fruit within 12 months.

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STONE FRUIT

Stone Fruit include the following crops and cultivars and/or hybrids of these crops: Apricols, Sweet and Tart Chemies, Nectarines, Peaches, Plums, Plumot, Prunes.

Diseases:

Brown Rot Blossom Blight (Monilina spp.) Cherry Leaf Spot (Blumeriella jaapii) Fruit Brown Rot (Monilinia spp.) Powdery Mildew (Podosphaera spp.)

Rusi (Tranzschella discolor)

Rate of Source Dynamics Propiconazole	Directions for Application	Restrictions	
41.8% EC Fungicide Ft. Oz. per Acre			İ
4	Apply by ground or by air (minimum of t5 gal./Acre), although ground application tends to give more effective control of listed diseases. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rain/all event. Brown Rot Blossom Blight: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at early bloom stage. Make one repeat application under low disease pressure through petal fall. Make two additional applications under high disease pressure (or if variety is particularly sensitive to disease) first at 75-100% bloom and then at petal fall. Fruit Brown Rot. Apply up to two applications from pre-harvest up to the day of harvest. It disease pressure), select a different registered fungicide to apply after the second Source Dynamics Propiconazole 41.8% EC Fungicide application.	Maximum application rate per season: 20 fl. oz. (Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.56 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 0 days.)))))))))))

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
4	Powdery Mildew, Cherry Leaf Spot, Rust: Apply Source Dynamics Propiconazole 41.8% EC Fungicide using the directions for Brown Rot Blossom Blight. An additional two applications may be made at t0 to 14 day intervals starting from the end of petal fall (hrough harvest.	
	Note: When Source Dynamics Propiconazole 4f.8% EC Fungicide has been applied to Stanley plums during bloom, the harvested fruit has been observed to be less oval in shape and smaller in size than untreated fruit. These effects may be prevented by applying Source Dynamics Propiconazole 41.8% EC Fungicide to Stanley plums 21 days or more before harvest.	

STRAWBERRIES

Diseases:

Anthracnose (Colletotrichum acutatum)
Leaf Spot (Cercospora fragariae)
Leaf Rust (Phragmidlum polenlillae)
Powdery Mildew (Sphaerotheca macularis)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi. Oz. per Acre	Directions for Application	Restrictions	: ; : :
4	Apply by air (minimum of 15 gal./Acre) or ground (minimum of 20 gal./Acre) application when disease levels are 5% or less. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of any product that contains propiconazole). Preharvest Interval (PHI): 0 days.) ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
4	Apply no more than four additional applications at 4 fl. oz./A of Source Dynamics Propiconazole 41.8% EC Fungicide at 7 day intervals. After two consecutive Source Dynamics Propiconazole 41.8% EC Fungicide applications, rotate to a fungicide having a different mode of action than Source Dynamics Propiconazole 41.8% EC Fungicide.	

TREE NUTS

Tree Nuts include the following crops: Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Hickory, Macadamia, Walnut. See the following tables for specific directions for Almonds, Filberts, Pecans, and Pistachios.

<u>Diseases:</u> Foliar Diseases

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply Source Dynamics Propiconazole 41.8% EC Fungicide by air or ground application (minimum 15 gal/Acre), although best results are obtained trom ground applications. Begin applications when disease first develops and reapply at 7 to 44 day intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.90 fb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 360 days except for pecans (refer to use directions table for pecans, below). Do not graze livestock in treated areas or cut treated cover crops for feed.

16

	ALMONDS	
Discases: irown Rot Blossom Blight inthracnose (Collectotrich	(Manilinia laxa, M. fructicata) um acutatum)	
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4.8	Apply Source Dynamics Propiconazole 41.8% EC Fungicide by air or ground application (minimum of 15 gal/Acre) at 5-10% bloom and again at 50-100% bloom. Use the highest rate when disease conditions are severe. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on 10liage before a rainfall event. Anthracnose: Apply Source Dynamics Propiconazole 41.8% EC Fungicide at the 8 fl. oz./Acre rate at bud break and reapply at 7 to 14 day intervals.	Maximum application rate per season: 32 ft. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungloide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 60 days. Do not graze livestock in treated areas or cut treated cover crop for feed.
	FILBERTS (HAZELNUTS)	
Diseases: Tastem Filbert Blight	(Anisogramme anomela)	
Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
5-8	Apply by air or by ground (minimum 15 gal/A) when green leaf tissue is visible and reapply at 14 to 21 day intervals. For severe disease pressure, use the higher rate and apply at the shorier spray interval. Use sufficient volumes of water to ensure a thorough, uniform	Maximum application rate per season: 32 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of any product that contains propiconazole).

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
	coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on	Preharvest Interval (PHI): 60 days.
	foliage before a rainfall event. NOTE: Some varieties of filberts may develop smaller and/or greener leaves from application of Source Dynamics Propiconazole 41.8% EC Fungicide, however, yields from these filbert trees are not reduced as a result of the Source Dynamics Propiconazole 41.8% EC Fungicide applications.	Do not graze livestock in trealed areas or cut treated cover crop for feed.

PECANS

Diseases:
Downy Spot (Mycosphaerella caryigena)
Liver Spot (Gnomonia caryae pv pecanae)
Pecan Scab (Cladospońum caryigenum)

Powdery Mildew (Micorsphaera penícillata) Vein Spot (Gnomomia nerviseda) Zonate Leaf **S**pot (Cristulariella moricola)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions	
4-8	Apply by ground or by air (minimum of 20 gal./Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propioonazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Pecan scab: Begin applications (4 to 8 fl. oz./Acre) during bud break and pre-pollination sprays. Reapply at 14 day intervals. During nut formation and cover sprays, apply 6-8 fl. oz./Acre) and use the higher rate when disease pressure is severe.	Do not apply after shuck split. Do not graze livestock in treated	
	18	3	3

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fi, Oz. per Acre	Directions for Application	Restrictions
	Other listed foliar diseases: Apply Source Dynamics Propiconazole 41.8% EC Fungicide af 4 fl. oz./Acre as a tank mix with other products registered for use on pecans and labeled for these mid- fo late-season foliar diseases.	The active ingredient(s) in this pro- may have effects on federally lis threatened or endangered species critical habitat in some count When using this product, you in follow the measures contained in County Bulletin for the county what you are applying the pesticide, determine whether your County to Bulletin con http://www.epa.gov/espp/usa-mao.h Bulletins also may be available for local pesticide dealers, exten- offices, or State peslicide agencies.

Diseases:	
Botrysphaeria Panicle, Shoot Blight (Botryosphaeria	a dothidea)

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Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
5-8	Apply by ground or by air (minimum of 15 gal./Acre) when green leaf lissue is visible and reapply at 14 fo 2 f day intervals. For severe disease pressure, use the highest rate and reapply at the shorter spray interval. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate 'pat' season: 32 fl. oz/Acre per season Source Dynamics Propiconazole 4f.8% EC Fungicide (equivalent to a total of 0.90 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 60 days Do not graze livestock in treated areas or cut treated cover crop for feed.
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Dynamics Propiconazole 41.8% EC Fungicide	Directions for Application	Restrictions
Fi. Oz. per Acre		
	NOTE: Some trees may develop smaller and/or greener leaves from application of Source Dynamics Propiconazote 41.8% EC Fungicide, however, yields from these pistachio trees are not reduced as a result of the Source Dynamics Propiconazote	
	41.8% EC Fungicide applications.	
	CARROTS	
owdery Mildew (Erysip Rate of Source Bynamics Propiconazole	Directions for Application	
41.8% EC Fungicide Fl. Oz. per Acre		Restrictions
Fungicide	Apply by air (minimum 5 gal/Acre) or by ground (minimum 15 gal/A) it conditions exist for development of diseases and reapply every 7 (in severe disease situations) to 10 days. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Proolconazole 41.8% EC Functicide	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynau)ics Propiconazole 41.8% EC Fungicide (equivatent to a total of 0.45° lb3 a.i./Acre per season of any produca that contains propiconazole). Preharvest Interval (PHI): 14 days.

CELERY AND LEAF PETIOLES

Leaf Petioles include the following crops: Gardoon, Celery, Chinese Celery, Celtuce, Florence Fennel, Rhubarb, and Swiss Chard.

Diseases:

Early Blight (Cercospora apii) Late Blight (Septoria apicola)

Rate of Source Oynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	Apply by air (minimum 5 gal/Acre) or by ground (minimum 10 gal/A) if conditions exist for development of diseases and reapply every 7 days. Use sufficient volumes of water to ensure a thorough, uniform coverage of toliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage betore a rainfall event. A spreader/ sticker may be used if needed.	Maximum application rate per season: 16 fl. oz/Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days.

CEREAL CROPS

Cereal crops includes the following crops: Barley, Oats, Rye, Trificale, Wheat.

Diseases:

Barley Scald (Phynchosporium secalis)
Barley Stripe (Pyrenophora graminea)
Foot Rot (Pseudocercosporella spp.)
Fusarium Head Blight Suppression
Glume Biotch (Stagonospora nordorum)

Leaf Blight (Septoria britici)
Net Blotch (Pyrenophora teres)
Powdery Mildew (Blumeria spp., Erysiphe spp.)
Rust (Puccinia spp)

Spot Blotch (Bipolans sorokiniana)

Helminthosporium Leaf Blight (Drechslera Inflici-repentis) Tan Spot (Pyrenophora Inflici-repentis)

Rate of Source Dynamics Propiconazote 41,8% EC Fungicide	Directions for Application	Restrictions
Fi, Oz. per Acre 2-4	Early Season Suppression of Powdery Mildew, Leaf Blight, Glume Blotch, and Tan Spot: Apply by air, ground or chemigation. For season-long control, make application in the spring and make one repeat application up to Feeks growth stage 10.5. Use sufficient volumes of water to ensure a thorough, unilorm coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 4 for oz./Acre per season whe forage or hay is harvested 8 ft. oz./Acre per season Source Dynamic Propiconazole 41.6% Enfungicide (equivalent to total of 0.22 fb. a.i./Acre per season of any productinat contain propiconazole).
4	Control of Leaf Diseases - Rust, Powdery Mildew, Leaf Blight, Glume Blotch, Tan Spot, Helminthosportum Leaf Blight, Spot Blotch, Barley Scatd, Barley Stripe, Net Blotch: Apply by air, ground or chemigation. Use sufficient volumes of water to ensure a florough, uniform coverage of foliage, especially the flag leaf. Optimum yields are obtained when Source Dynamics Propiconazole 41.8% EC Fungicide is applied when the flag leaf is between 50% and 100% emerged. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Improved spray coverage end canopy penetration is achieved using an oil-based adjuvant. Foot Rot: Apply Source Dynamics Propiconazole 41.8% EC Fungicide as a tankmix with half the rates of other EPA registered fungicides (such as Topsin® M) fo crops at lillering but prior to elongation.	Minimum Days Between Treatments: 14 days. Preharvest Interval (PHI) 30 days forage, 40 day grain and straw, 45 day hay.
	Suppression of Fusarium Head Blight: Apply Source Dynamics Propiconazole 41.8% EC Fungloide close to 50% flowering, increased suppression may result by adding a penetrating-type adjuvant.	> 2 > 2 > 2 > 2 > 2 > 2 > 2 > 2 > 2 > 2

CORN - FIELD, SEED, POPCORN, AND SWEET

Diseases:
Eye Spof (Aureobasidium zeae)
Gray Leaf Spof (Cercospora zeae-maydis)
Northem Com Leaf Blight (Selosphaeria turcica †
Northem Com Leaf Spol (Cochitiobolus carbonum) †
Southern Com Leaf Blight (Cochiliobotus heterostrophus) †
Rusts (Puccinia spp.)

† Also known as Helminthosponium Leaf Blights (H. maydis, H. turcicum, H. carbonum)

He/minthosporium Leaf Blights: Apply by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 4f.8% EC Fungicide is applied early in the season (when disease is first delected). Reapply every 7 to 14 days if conditions remain favorable for disease development. Use the higher rate and shorter spray interval if disease pressure is high. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues fo dry on foliage before a rainfall event. 4 Rusts, Gray Leaf Spot, Eye Spot: Apply by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 41.8% EC Fungicide is applied early in the season (when disease is first defected). Reapply every 7 to 14 days it conditions remain favorable for disease development. Use sufficient uotumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Rate of Source Dynamics Propiconazole 41.8% EC Fungicide FI. Oz. per Acre	Directions for Application	Restrictions
by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 41.8% EC Fungicide is applied early in the season (when disease is first detected). Reapply every 7 to 14 days it conditions remain favorable for disease deuelopment. Use sufficient uolumes of water to ensure a thorough, unitorm coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide		by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 4f.8% EC Fungicide is applied early in the season (when disease is first delected). Reapply every 7 to 14 days if conditions remain favorable for disease development. Use the higher rate and shorter spray interval if disease pressure is high. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungloide residues fo dry on foliage before a rainfall event.	Grown for Seed, and Popcorn - Maximum application rate per season: 8 fl. oz./Acre per season on field com harvested for torage; 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 fb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI) - Field Com, Corn for Seed,
event.	4	by air, ground or chemigation. Best control of disease is obtained when Source Dynamics Propiconazole 41.8% EC Fungicide is applied early in the season (when disease is first detected). Reapply every 7 to 14 days it conditions remain favorable for disease development. Use sufficient volumes of water to ensure a thorough, unitorm coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall	grain and stover. Preharvest Interval (PHI) - Sweet Corn: 14 days ears; 14 days forage.

132

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4	For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	season of any product that contains propiconazole), Preharvest Interval (PHI): 30 days.

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ONIONS

Onions include the following crops and culfivars and/or hybrids of these crops: Dry Bulb Onions, Dry Bulb Shallots, Gartic, Green Eschalots, Green Onions, Green Shallots, Japanese Bunching Onions, Leeks, Scallions, Spring Onions.

<u>Diseases:</u>
Purple Blolch (Alternaria porn)
Suppression of Botrytis Leaf Blight (Botrytis squamosa)

Rate of Source Dynamics Propiconazole 4f.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
4-8	Apply by ground (minimum t5 gal/Acre) or by air (minimum of 5 gal/Acre) when conditions remain favorable for disease development and reapply ai 7 to 10 day intervals. For severe disease pressure, use the highest rate and reapply at the shorter spray interval. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propioonazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a tolal of 0.45 lb. a.i./Acre per season of any product thai contains propiconazole). Preharvest Interval (PHI): 14 days dry bulb onions, 0 day for green onion types.
2-4, plus tank mix partner	Apply Source Dynamics Propiconazole 41.8% EC Fungicide as a tank mix with another registered fungicide that controls the listed diseases. Apply by ground (minimum 15 gal./Acre) or by air (minimum of 5 gal.fAcre) when conditions remain favorable for disease development and reapply at 7 day intervals or as directed on the label of the	

Rate of Source Dynamics Propiconazole 41.8% EC Fungloide Fl. Oz. per Acre	Directions for Application	Restrictions
	tank mix partner. For severe disease pressure, use the highest rate. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 4t.8% EC Fungicide residues to dry on foliage before a rainfall event. Best results are obtained if a wetting agent or spreader/sticker is added to the spray mixture.	

PEANUTS

Diseases:
Early Leaf Spot (Cercospora arachidicola)
Late Leaf Spot (Cercosporidium personatum)
Rust (Puccinia arachidis)
Southern Stem Rol (Sclerofium rolfsit)
Web Blofch (Phoma arachidocola)

Rate of Source Dynamics Propiconazole 4 t.8% EC Fungicide Fl. Oz. per Acre	Directions for Application	Restrictions
2.5-4	Early Leaf Spot Late Leaf Spot, Rust, Web Blotch Apply by ground, air or chemigation 35-40 days after crop is planted or when disease is detected, and reapply at 10 to 14 day intervals. For severe early leaf spot pressure, use the highest rate. Source Dynamics Propioonazole 41.8% EC Fungicide also may be used when State Agricultural Extensions provide advisories that recommend applications be made based on environmental factors that lead to disease development.	Maximum application rate per season: 16 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.45 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 14 days (4 fl. oz./Acre) or 21 days (8 fl. oz./Acre).

Rate of Source Dynamics Propiconazote 41.8% EC	Directions for Application	Restrictions
Fungicide		
Ft. Oz. per Acre		
Refer to text	Southern Stem Rot: Use one of the application schedules below: 4 fl. oz./Acre of Source Dynamics Propiconazole 41.8% EC Fungicide: apply to the crown and pegging zones of the plant by chemigation or directed ground application about 45 days after planting, or at the first signs of disease. Reapply at 14 day intervals. 8 fl. oz./Acre of Source Dynamics Propiconazole 41.8% EC Fungicide: apply to the crown and pegging zones of the plant by chemigation or directed ground application about 60 days after planting (at pegging) or at the first sign of disease. Make one repeat application 3-4 weeks after the first sign of disease. Make one repeat application. Irrigation: To apply Source Dynamics Propiconazole 41.8% EC Fungicide in irrigation water, use a minimum of 0.25-0.5 inches of irrigation water/Acre. Sufficient water is required in order for the fungicide to penetrate the canopy of peanut foliage and reach the crown of the plant (Southern Stem Rot is most active at this part of the plant). Additional treatment methods should be used to control teaf spot it Source Dynamics Propiconazole 41.8% EC Fungicide is applied by irrigation or as a directed ground application.	Do not teed livestock hay harvested from fields treated at the 8 fl. oz.fAcre rate.
	RICE	

Aggregate Sheath Spot (Rhizoctonia oryzae-sativa) Black Sheath Rot (Gaevmannomyces graminis)

Leaf Smut (Entytoma oryzae) Narrow Brown Leaf Spot (Cercospora oryzae)



Brown Leaf Spot (Helminthosporium oryzae) Kemei Smut (Titlelia barclayana) Sheath Blight (Rhizoconia sotani) Sheath Spot (Rhizoctonia oryzae)

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Suppression only: False Smul (Ustilagholdea virens) Stem Rot (Sclerotkum oryzae)

Wild Rice - MN Only Brown Spot (Bipolaris spp.) Helminthosponium Leal Blight (Helminthosponium sp.)

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide	Directions for Application	Restrictions
Ft. Oz. per Acre		
6-10	Apply only by aerial application (minimum 5-10 gal. water/Acre). Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfalt event. For assistance in determining the appropriate time for application of Source Dynamics Propiconazole 41.8% EC Fungicide, consult focal extension experts who can provide information on local economic thresholds established for various rice varieties and diseases. Use one of the application schedules below: Use 6 fl. oz. at first intemode elongation (up to 2-inch panicle). Make a second application at swollen boot 14 days after the first application but before the boot splits and head emerges. For optimum control of sheath blight, make first application when disease develops, when 5% or fewer of the tillers are infected.	Maximum application rate per season: 12 fl. oz.tAcre per season: 12 fl. oz.tAcre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 35 days Do not apply to stubble or ratoon crop rice. Do not use in rice fields where commercial farming of crayfish will be practiced. Do not drain water from treated rice fields into ponds used for commercial fish farming. Do not use water drained from treated fields to irrigate other crops. The active ingredient(s) in this product may have effects on federally listed threatened or endangered species or critical habitat in some counties.
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Rate of Source Dynamics Propiconazote 41.8% EC Fungicide	Directions for Application	Restrictions
Ft. Oz. per Acre	Use 10 fl. oz./A at first internode elongation (up to 2-inch panicle). This rate is recommended if greater than 10% of the tillers are infected with sheath blight. If disease reappears, follow the Source Dynamics Propiconazole 41.8% EC Fungicide application with a different registered fungicide.	When using this product, you must follow the measures contained in the County Bulletin for the county which you are applying the pesticide. To determine whether your County has a Bulletin, consult http://www.epa.gov/espp/usa-map.htm . Bulletins also may be available from local pesticide dealers, extension
6-8 Wild Rice (MN only)	Tank mixes: 6 fl. oz./Acre of Source Dynamics Propiconazole 41.8% EC Fungicide in a tank mix with other fungicides (such as Quadris) to control rice diseases. Apply only by aerial application. Make two applications no tess than 10 days apart af 6 fl. oz./Acre of Source Dynamics Propiconazole 41.8% EC Fungicide at booting and then at heading. Alternatively, make one application at 8 fl. oz./Acre at booting. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfalt event.	offices, or State pesticide agencies.
	SORGHUM	
seases: gof (Claviceps so:	rghi)	

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Fl. Oz. per Acre		
3.4	Apply by ground (minimum of 15 gal./Acre) or by air (minimum 10 gal. water/Acre) just before flowering. Make up to four additional applications at 5 to 7 day intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event.	Maximum application raper season: 8 fl. oz. Source Dynami Propiconazole 41.8% Eungicide (0.22 propiconazole a.i.) sorghum harvested forage; 16 fl. oz./Acre pseason Source Dynami Propiconazole 41.8% Eungicide (equivalent to total of 0.45 lb. a.i./Acre pseason of any product the contains propiconazole). Preharvest Interval (PH 30 days for forage, 21 da for grain and stover. Do not graze livestock or of green chop or silay within 30 days of application.

Diseases:	
Aerial Web Blight (Rhizoctonia solani)	
Anthracriose (Collefofrichum fruncatum))
Brown Spot (Septoria alvoines)	

Frogeye Leaf Spot (Cercospora sojina) Soybean Rust (Phakopsora pachyrhizi)

Dyna Propic 41.8 Fung	Source amics onazole % EC gicide per Acre	Directions for Application	Restrictions
4	-6	Apply by ground or by air. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on foliage before a rainfall event. Best results from aerial applications are obtained by using an oil-based additive that improves foliar coverage and penetration of crop canopy.	Maximum application rate per season: 12 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. a.i./Acre per season of any product that contains propiconazole). On not apply after Stage R6.
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13 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3 (5) 3

Rate of Source Dynamics	Directions for Application	Restrictions
Propiconazoie	Directions for Apparential	Restrictions
41.8% EC Fungicide		
FL Oz. per Acre		
	Aerial Web Blight: Time applications to	
	occur when disease first develops and apply 5-6 fl. oz./Acre. Make one repeat	
	5-6 fl. oz./Acre. Make one repeat application at 14 to 21 days interval. Use	
	the highest rate and shorter spray interval	
	when disease conditions are severe.	
	Other foliar diseases: Time applications	
	to begin at growth stage R3 (early pod set: pods are 1/8-1/4 inch long) and apply 6 ft.	
	oz./Acre. Make one repeat application at	
	14 to 21 days interval when growth stage is	
	R5 (pod fill). Soybean rust: Time applications to occur	
	when disease has been reported in the area	
	since preventative applications will provide	
	the best results. Use 4-6 fl. oz/Acre. Make repeat applications at 14 to 21 day	
	intervals. Use the highest rate and shorter	
	spray interval when disease is detected in	
	the field or if less than 2 out of every 100	
	ptants are infected. Control with be less than acceptable when more plants are	
	infected or it the disease is in mid-canopy.	
	Use scouling and monitoring techniques to	
	determine disease infestations and its proximity to your fields.	
	NOTE: Some varieties may develop	
	crinkled, smaller and/or greener leaves from	
	apptications of Source Dynamics Propiconazole 41.8% EC Fungicide.	
	Propiconazole 41.8% EC Fungicide, however, dry bean yields are not reduced as	
	a result of the Source Dynamics	
	Propiconazole 41.8% EC Fungicide applications.	
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SUGAR BEETS

<u>Diseases:</u> Leaf Spot (Cercospora belicola) Powdery Mildew (Erysiphe polygoni)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide Ft. Oz. per Acre	Directions for Application	Restrictions
4	Appty by air, ground or chemigalion when disease first develops and make repeat applications at 10 to 14 day intervals. Use sufficient volumes of water to ensure a thorough, uniform coverage of foliage. For best results, allow Source Dynamics Propiconazole 41.8% EC Fungicide residues to dry on toliage before a raintatil event. After two consecutive Source Dynamics Propiconazole 41.8% EC Fungicide applications, or at any time that the disease tevels increase, rotate immediately to another fungicide that has a different mode of action than Source Dynamics Propiconazole 41.8% EC Fungicide.	Maximum application rate per season: 12 fl. oz./Acre per season Source Dynamics Propiconazole 41.8% EC Fungicide (equivalent to a total of 0.34 lb. a.i./Acre per season of any product that contains propiconazole). Preharvest Interval (PHI): 21 days.

SUGARCANE

<u>Diseases:</u> Pineapple disease (Ceratocyslic paradoxa)

Rate of Source Dynamics Propiconazole 41.8% EC Fungicide	Directions for Application	Restrictions
0.75 fl. oz.f100 gals of water (1:17,000)	Use one of these methods to treat cut seed pieces. Cold Water Dip: Place seed pieces in the dip to thoroughly wet the pieces. Remove the seed pieces and allow excess dip solution to drain. Hot Water Dip: Heat and hold the trealment solution at 125°F (52°C). Allow the seed pieces to soak for 20-30 minutes. Remove the seed pieces and allow the excess dip solution to drain.	Do not use treated seed pieces for food or feed. Dispose of used dip solution according to local, state, and federal regulations.

32

Rate of Source Dynamics Propiconazote 41.8% EC Fungicide	Directions for Application	Restrictions
	Conveyer Belt Treatment: Use an in-line directed spray of Source Dynamics Propiconazole 41.8% EC Fungicide/water solution to treat seed pieces. Ensure cut ends are wet with this solution.	

TURF AND ORNAMENTAL USE DIRECTIONS

GENERAL INFORMATION

Source Dynamics Propiconazole 41.8% EC Fungicide is a systemic fungicide for the control of a broad spectrum of diseases in turfgrass, omamentals, landscape and nursery plantings.

PREPARATION OF SPRAY SOLUTIONS

To prepare a spray tank solution of Source Dynamics Propiconazole 41.8% EC Fungicide, follow the steps below. Do not prepare more solution than is required for a day's work. Use only equipment that has been properly cleaned before use. Refer to the sections below on Tank Mixes.

1. Using clean fresh water, filt the spray tank 1/2 - 3/5 full.

- 2. Begin agitation and then add the required amount of Source Dynamics Proptoconazole 4 t.8% EC Fungicide. If tank mix partners are to be included, be sure the tank mix is compatible using a jar test prior to mixing. If compatible, use the following order of addition: wettable powders and water dispersible granular formulations (formation of a premix in water facilitates the mixing process), liquid flowables or suspension, Source Dynamics Propiconazole 41.8% EC Fungicide, and then other emulsifiable concentrates.
- 3. Allow the solution to agitate for 5 minutes to completely mix the water and formulation.

Continue agitation and fill the spray tank with the remaining water.

5. Agitate the solution continuously until the application operation is complete.

At the end of the day, rinse the spray tank with clean water. The pesticide rinsate may be disposed
of by applying to an area which has been treated with Source Dynamics Propiconazole 41.8% EC
Fungicide.

TANK MIXES

When applied as a tank mix with other registered fungicides, Source Dynamics Propiconazole 41.8% EC Fungicide provides a broader spectrum of disease control. Many other registered herbicides and insecticides are compatible for use as a tank mix with Source Dynamics Propiconazole 41.8% EC Fungicide. Do not apply unless you have verified the compatibility of Source Dynamics Propiconazole 41.8% EC Fungicide and the tank mix partner before mixing. For tank mixes that are incompatible, add Unite® (3 pts./100 gats.) to the tank mix. Follow the directions under Preparation of Spray Solutions for how to prepare tank mixes with Source Dynamics Propiconazole 41.8% EC Fungicide. When applying Source Dynamics Propiconazole 41.8% EC Fungicide as a tank mixture, observe all tank mix partner label directions for use, crops and use sites, application rates, dilution ratios, precautions, and limitations. Use the labeling that has the most restrictive label precautions and limitations. Do not mix Source Dynamics Propiconazole 41.8% EC Fungicide with any product that restricts tank mixing.

NOTE: These directions do not apply to tank mixes containing spray additives. If spray additives are added to tank mixes, check that they are compatible before use.

TURFGRASS AND DICHONDRA DISEASE CONTROL

GENERAL RECOMMENDATIONS

Source Dynamics Propiconazole 41.8% EC Fungicide should be used in a preventative disease control program and in conjunction with a turf disease management program. Before applying a fungicide, be sure that the correct disease has been identified so that the correct treatment is followed.

USE DIRECTIONS AND RATES: Source Dynamics Propiconazole 41.8% EC Fungicide must be applied in sufficient amounts of water to ensure a lhorough, uniform coverage of the turfgrass. Do not apply until grass has been mowed, or apply and then allow sprays to dry completely before mowing. Reler to the table below for rates and application directions for various diseases. Optimum control is achieved with the higher specified rate and shorter spray interval if conditions for high disease pressure exist.

Fotiar diseases: Do not irrigate until turfgrass has completely dried.

Soil-borne diseases: Inrigation or watering-in is allowed after application of Source Dynamics Propiconazole 41.8% EC Fungicide. Bermudagrass: To prevent injury to any of the varieties of bermudagrass, do not apply more than 1.44 ft. oz./1,000 sq. ft. Source Dynamics Propiconazole 41.8% EC Fungicide every 30 days. In FL, do not apply Source Dynamics Propiconazole 41.8% EC Fungicide to bermudagrass golf course greens if temperatures are above 90° F.

RESTRICTIONS:

. Do not apply this product through any type of irrigation system

- Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry
- Do not apply more than 5.8 fl. oz/1,000 sq. ft. of Source Dynamics Propiconazole 41.8% EC Fungicide per calendar year.
- Oo not apply more than 1.79 lb. a.i. propiconazole per Acre per application.

Turfgrass - Specific Rates, and Application Directions for Different Diseases

Rate Source Dynamics	
Propiconazole 41.8%	
EC Fungicide,	
Fl. Oz. per 1,000 Sq. Ft.	Application Directions
(FI, Dz. per Acre)	
Dollar Spot (Sclerotini	a homoeocarpa):
0.18	Apply at 7 day intervals when conditions favor development of disease.
(8.0)	Appty at 14 day intervals as a tank mix with the low label rate of either
, ,	Daconil Weather Stik® or Daconil Uttrex® fungicides.

Rate Source Dynamics Propiconazote 41.8%		
EC Fungicide.		
Fl. Oz. per 1,000 Sq. Ft.	Application Directions	
(Ft. Dz. per Acre)	, , , , , , , , , , , , , , , , , , ,	
0.37 (16)	Apply at 21-28 day intervals as a tank mix with the low label rate of either Daconil Weather Stike, Daconil Ultrexe or Chipcoe 26019 fungicides.	
0.37-0.73 (16-32)	Apply at 14 to 28 day intervals. If applied alone without a tank mix partner, do not apply more than 3 consecutive applications at the 0.35-0.75 fl. oz./1,000 sq. ft. rate. Then rotate to another fungicide that has a different mode of action.	
Anthrachose (Colletotrich	ium graminicola)	
0.37-0.73 (16-32)	Apply at 14 to 28 day intervals when conditions favor development of disease. Use the higher rate and shorter spray intervals for high disease pressure. A tank mix with another registered fungicide provides control of a broader disease spectrum. When disease has been detected, use 0.75 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide per t,000 sq. ft. with either Daconit Weather Stik®, Daconit Ultrex® or Chipco® 26019 fungicides.	
Brown Patch (Rhizoctoria		
0.37-0.73 (16-32)	Apply before disease is detected as a tank mix with other registered fungicides in May or June at 14 to 21 day intervals. The higher rate and shorter spray interval should be used if weather is hot and humid.	
Powdery Mildew (Erysiph Rust (Puccinia graminis)	e graminis) and	
0.37-0.73	Apply at 14 to 28 day intervals when conditions favor development of disease. When the disease has been detected, use 0.75 fl. oz. of	
(16-32)	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft.	
•	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft.	
(16-32) Red Thread (Laelisatia fu Pink Patch (Limonomyces	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. ciformis) and s roseipellis)	
(16-32) Red Thread (Laelisatia fur Pink Patch (Limonomyce: 0.37	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. ciformis) and s roseipellis) Apply at 14 to 21 day intervals when conditions favor development of	
(16-32) Red Thread (Laelisatia fur Pink Patch (Limonomyces 0.37 (32)	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. ciformis) and s roseipellis) Apply at 14 to 21 day intervals when conditions favor development of disease.	
(16-32) Red Thread (Laelisatia fur Pink Patch (Limonomyce) 0.37 (32) Stripe Smut (Ustllago strii	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. citormis) and s roseipellis) Apply at 14 to 21 day intervals when conditions favor development of disease.	
(16-32) Red Thread (Laelisatia fur Pink Patch (Limonomyce) 0.37 (32) Stripe Smut (Ustllago sini 0.37-0.73	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. citormis) and s roseipellis) Apply at 14 to 21 day intervals when conditions favor development of, disease. jormis, Urocystis agropyn) Make a single application in the fall after grass becomes dormant or in	
(16-32) Red Thread (Laelisatia fur Pink Patch (Limonomyces 0.37 (32) Stripe Smut (Ustllago stri 0.37-0.73 (16-32)	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. citormis) and stroseipellis) Apply at 14 to 21 day intervals when conditions favor development of disease. Journals Urocystis agropyri) Make a single application in the fall after grass becomes dormant or ig a the early spring before grass starts to grow.	
(16-32) Red Thread (Laelisatia fu Pink Patch (Limonomycet 0.37 (32) Stripe Smut (Ustllago sini 0.37-0.73 (16-32) Gray Leaf Spot (Pyricular	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. citormis) and stroseipellis) Apply at 14 to 21 day intervals when conditions favor development of disease. Stromis, Urocystis agropyn) Make a single application in the fall after grass becomes dormant or ig the early spring before grass starts to grow.	
(16-32) Red Thread (Laelisatia fur Pink Patch (Limonomyces 0.37 (32) Stripe Smut (Ustllago stri 0.37-0.73 (16-32)	Source Dynamics Propiconazole 41.8% EC Fungicide per 1,000 sq. ft. citormis) and stroseipellis) Apply at 14 to 21 day intervals when conditions favor development of disease. Journals Urocystis agropyri) Make a single application in the fall after grass becomes dormant or ig a the early spring before grass starts to grow.	

Rate Source Dynamics				
Propiconazole 41.8%				
EC Fungicide,				
Fi. Oz. per 1,000 Sq. Ft. Application Directions				
(Fi, Oz. per Acre)				
	polaris spp.) (Drechslera spp.)			
0.37-0.73 (16-63)	Apply at 14 day intervals. Leat spot and melting will not be as severe when Source Dynamics Propiconazole 41.8% EC Fungicide is applied to plants that are under light to moderate disease pressure. Apply as a tank mix with another registered fungicide when using the 0.35-0.75 ft. oz./t,000 sq. ft. rate or for general broad spectrum disease control using the 0.35 ft. oz./t,000 sq. ft. rate.			
Summer Patch and				
Poa Patch (Magnaporthe p				
0.73	Apply starting in the spring and reapply at 14 day intervals at the 0.75 fl.			
(32) O R	oz./1,000 sq. ft. raie and at 28 day intervals at the 1.5 ft. oz./1,000 sq. ft.			
1.45	rate.			
(63)				
Take-All Patch (Gaeuman				
0.73-t.45	Source Dynamics Propiconazole 41.8% EC Fungicide reduces the			
(32-63)	severity of this disease when applied al 0.35-0.75 ff. oz/1,000 sq. ft. in the Spring (April and May) and in the Fatl (September and October, or if nighttime temperatures are below 55°C). Other local recommendations may be considered.			
Spring Dead S pot (Lep. G <i>aeuma</i> nno <i>m</i> yces <i>gramin</i>	tosphaeria korrae, Leptosphaeria narmari, Ophiosphaerella herpotricha, is)			
t.45	Apply beginning in August and make up to 3 applications at 30 day			
(63)	intervals or make a single application in September or October.			
Recrotic Ring Spot (Lepto	ospnaená korrae)			
t.45 (63)	Depending on local recommendations, applications may be made in the Fall or early Spring.			
Snowmold, Gray (Typhula				
Pink (Microdochium nivale) ` ` `			
0.73-1.45	Make a single application in the late fall but before snow cover. Do not,			
(32-63)	apply it ground is covered with snow. Best results are seen it the 0.75 and 1.1 fl. oz. rate of Source Dynamics Propiconazole 41.8% EG Fungloide is applied as a tank mix with either PCNB or chlorolhalonil.			
usarium patch (Fusarium				
0.73-1.45 (32-63)	Time applications to occur in Fall or Early Spring when conditions favor development of the disease.			

144

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Turfgrass - Specific Rates, and Application Directions for Different Diseases (cont'd)

Rate Source Dynamics Propiconazole 41.8% EC Fungicide, Fl. Oz. per 1,000 Sq. Ft. (Fl. Oz. per Acre)	Application Directions
Yelfow Patch (Rhizoctonia	a cerealis)
t. 10-1.45 (48-63)	Make a single application in Late Fall but before snow cover. Do not apply if ground is covered with snow. Apply Source Dynamics Propiconazole 41.8% EC Fungicide at the 1.1 fl, oz./1,000 sq. ft. rate as a tank mix with another registered contact fungicide.
Zoysia patch, large patch	of zoysła (Rhizocfonia solani)
t, t0-1.45 (48-63)	Make a single application in Early Fall (mid-September to mid-October) before disease develops. Other local recommendations may be considered for the optimum timing for application.

Dichondra - Specific Rates, and Application Directions for Different Diseases

	Dichondra Rust (Puccinia dichondrae)					
1	0.73	Apply at 14 to 21 day intervals when conditions lavor development of				
	(32)	disease.				

Establishment of Cool Season Turfgrass

In addition to use of Source Dynamics Propiconazote 41.8% EC Fungicide to control turfgrass diseases, Source Dynamics Propiconazote 41.8% EC Fungicide will aid in the establishment of new turfgrass when applied to cool season grass seedlings or sod.

New Seedlings: Source Dynamics Propiconazote 41.8% EC Fungicide applied at a rate of 0.35 ft. oz/1,000 sq. ft. to new turf at the 2 to 3-leaf stage will help root development and top growth. z = 0.3

Sod: Source Dynamics Propiconazole 41.8% EC Fungicide applied at a rate of 0.35 ft. oz./1.\(\frac{3}{2}\)00 \(\frac{3}{2}\) sq. ft. to sod 2-6 weeks before cutting will increase sod knitting and aid in faster establishment after laving.

NURSERIES (FIELD) AND LANDSCAPE PLANTINGS

GENERAL RECOMMENDATIONS

Source Dynamics Propioonazole 41.8% EC Fungicide should be used in a preventative disease control program and in conjunction with a disease management program. Before irrigating plants by overhead irrigation, allow the sprays on loilage to dry.

For the genera and species of plants listed in the tables below, acceptable tolerance to Source Dynamics Propiconazote 41.8% EC Fungicide has been observed. However, other plant species may not be as tolerant to Source Dynamics Propiconazole 41.8% EC Fungicide. Diseases not listed on this labet may not be controlled with Source Dynamics Propiconazole 41.8% EC Fungicide. To treat other species of plants or diseases not listed on this labet, test the recommended rate of Source Dynamics Propiconazole 41.8% EC Fungicide on a small number of plants. If the tested plants show no signs of phytotoxicity and disease is controlled, Source Dynamics Propiconazole 41.8% EC Fungicide may be used on a targe number of plants.

USE RATES: The recommended use rates for control of diseases of omamental plant species is 0.75-8.7 fl. oz. Source Dynamics Propiocnazole 41.8% EC Fungicide in 100 gals, of water. The use directions in the Tables of Application Directions for Omamentats Based on Rates and Specific Diseases are based upon the recommended use rates. Select the omamental and disease to be treated in one of the five tables and follow the rate and directions for use in that table.

Outdoor Uses: The maximum amount of Source Dynamics Propiconazole that can be applied per crop per year is 2.0 galtons of 41.8% EC Fungicide per Acre.

Landscapes: Generat diseases are controlled with 2.2-3.0 fl, oz. in 100 gals, water. Optimum control is achieved when applied prior to development of disease and reapply at 21 day intervals.

RESTRICTIONS:

- Do not apply Source Dynamics Propiconazole 41.8% EC Fungicide to African violets, begonias, Boston fem, or geraniums.
- Do not apply this product through any type of imgation system
- Do not use Source Dynamics Propiconazole 41.8% EC Fungicide in greenhouses or as a tree injection.
- Do not apply more than 5.8 fl. oz./1,000 sq. ft. of Source Dynamics Propiconazole 41.8% EC Fungicide per calendar year.
- Do not apply Source Dynamics Propiconazote 41.8% EC Fungicide as a tree injection or in greenhouses.

Tables of Application Directions for Drnamentats Based on Rates and Specific Diseases

Disease	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Ptantings)	Application Directions
Ftower Blight Monilinia spp.		Cherry Nectarine Peach Ptum	Rate: 0.75-1.5 fl. oz. of Source Dynamics Propiconazole 41.8% EC. Fungicide in 100 gals. of water applied to thoroughly cover foliage to point ot drip.
			Timing: Every t4 to 21 days during peak disease outbreak.

Tables of Application Directions for Ornamentals Based on Rates and Specific Diseases (cont'd)

Disease	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Leaf Blights/Spots Coccomyces hiemalis		Cherry	Tank-Mix: When disease is present, apply with another registered contact fungicide.
Discula spp. (Anthracnose)	Dogwood	TOTAL	Flower blight: Make first application at 5-10% bloom and second application at 70-100% bloom.
Ventunia inaequalis (Scab)	Crabapple	Apple	Dogwoods: Apply every 14 days at the normal rate. Allematively, apply 3 fl. oz. of Source Oynamics Propiconazole 41.8% EC Fungicide in 100 gal. of water every 28 days.
Rust Gymnosporangium juniperi-virginianae	Crabapøle Hawthorn	Apple Bartlett Pear	Note: To avoid possible illegal residues, do not apply to apple, Bartlett pear, cherry, nectarine, peach, or plum trees that will bear harvestable fruit within 12 months.

Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Offections 3
Coniter Blights Phomopsis jurniperovora (Phomopsis Blight)		Juniper		Rate: 1.8-3.0 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water applied to thoroughly cover foliage to point of drip.
Sphaeropsis sapinea (Diplodia Tip Blighl)		Pines		Timing: When conditions favor development of disease, and then as needed.

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Disease	Herbaceous Ornamentat	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Flower Blight Ovulinla spp.		Azalea Rhododendron		Tank-Mix: When disease is present, apply with another registered contact fungicide.
Leat Blights/Spots Alternaria spp.	Gomphrena Marigold Impaliens English Ivy			Blackspot: Apply as a tank-mix with another registered contact /ungicide labeled /or blackspot.
Collectrichum spp.		Camellia Sycamore Euonymus Linden		Calendula: Make applications every 30 days. Diplodia tip blight:
		Magnolia Maple Rhaphlolepsis Tulip Tree	-	Apply up to 3 applications and reapply at 14 days intervals beginning just after disease is detected.
Diplocarpon rosae (Blackspot) Fabraea		Roses (Outdoor Use Only) Cotoneaster		Juniper phomopsis blight: Begin applications when junipers start to grow
maculala (syn. Enlomosporium maculala)		Red Tip Photinia Rhaphiolepsis		and reapply at 14 to 21 day intervals during periods of active growth.
Heterosponium echinulalum	Sweet William (Dianthus barbalus)			
Spilocaea pyracanthae		Pyracantha		
Rhizoclonia web blight		Holty		2 3 3

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Rate: 1.8-3.0 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water (conf'd) Non-Bearing Fruits and Nuts Woody Herbaccous Disease (Nurseries and **Application Directions** Ornamental Ornamental Landscape Plantings) Powdery Calendula Crape Myrtle Mildew Delphinium Tulip Tree Erysiphe spp. Impatiens Oldium spp. Monarda Ash **Bartlett Pear** Note: To avoid Phlox Elm possible illegal residues, Zinnia Lilac do not apply to apple or Bartlett pear trees that will bear harvestable Crabapple Dogwood fruit within 12 months. Euonymus Pod0sphaera Amelanchier Apple spp. Sphaerotheca Roses Pecan pannosa (Outdoor Use Only) Phyllactinia spp. Maple Rust Roses (Outdoor Use Phragmidium Only) spp. Puccinia spp. lris Snapdragon Uromyces Camation dianlhi

Disease	Herbaceous Ornamental	Woody Ornamental	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions
Ftower Blight Ascochyta chrysanthemi (Ray Blight)	Chrysanthemum			Rate: 3-4.5 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water applied to thoroughly cover foliage to point of drip.
Leaf Blights/Spots Cercospora spp. (Brown Leaf Spot)	Impatiens	Sweetgum Linden	Pecan	Timing: Every 30 days when conditions favor development of disease.
Cladosporium spp. (Scab)		Sweetgum Crabapple	Pecan	Pecans: Use t2 fl. oz/100 gals. of water and apply at bud break and make up to 3 applications at 14 day intervals.
Cristutariella spp. (Zonate leaf spot)			Pecan	Walnuts: Use the 3 fl. oz. rate af 14 to 21 day intervals.
Gnomonia leptosyla (Anthracnose)			Walnul	Ray blight: Use the 4.5 fl. oz. rale and apply at 7 day intervals. Alternatively, use a rate of 7.5 fl. oz. and apply at 14 day
Mycosphærella caryigena (Downy Spot)			Pecan	intervals. Impatiens, bayberry, finden, magnolia, sweetgum, and wax myrtle: Use a nore than 8 fl. oz. 100

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Rate: 3-4.5 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water (cont'd) Non-Bearing Fruits and Nuts (Nurseries and Application Directions Herbaceous Woody Disease Ornamental Ornamental Landscape Plantings) Bayberry Wax Myrtle Sweetgum Rhododendron Septoria spp. (Leaf Scorch) Note: To avoid Pecan possible illegal residues, do not apply to walnul trees that will bear harveslable fruit within 12 months. Powdery Azalea Mildew Linden Microsphaeara Magnolia spp.

Disease	Woody Ornamental	Application Directions			
Conifer Blights Sirrococcus strobolinus (Tip Blight)	Pines	Rate: 6 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals, of water applied to thoroughly cover foliage to point of drip.			
Leaf BlightsfSpots Tubakia dryina	Oaks	Timing: Every t4 to 28 days when conditions favor development of disease.			
Rust Melampsora occidentalis	Douglas Fir Poplars	Douglas fir needle rust: Make one application in May.			
Pucciniastrum goeppertianum	Shasta Fir	Tip blight: Make first application in mid-late winter, and then make up to 3 applications at 60 day intervals.			

Rate: T.5-8.7 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water					
Disease	Non-Bearing Fruits and Nuts (Nurseries and Landscape Plantings)	Application Directions			
Leaf Blights/Spots Mycosphaerella fructicola (Greasy Spot)	Citrus	Rate: 7.5-8.7 fl. oz. of Source Dynamics Propiconazole 41.8% EC Fungicide in 100 gals. of water applied to thoroughly cover foliage to point of drip. Timing: Apply June through August. Note: To avoid possible illegal residues, do not apply to citrus trees that will bear harvestable fruit within 12 months			

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in a secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers.

PESTICIDE DISPOSAL: Pesticide wastes may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

WARRANTY STATEMENT: IMPORTANT NOTICE - Seller warrants that this product conforms to the chemical description and is reasonably fit for purposes stated on the label when used in accordance with the directions and instructions under normal conditions of use; but neither this warranty nor any other warranty of merchantability by fitness for a particular purpose, express or implied, extends to the use contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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